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NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

a. APPLICATION SPECIFICATION SEE: AS-33472-100  
 -CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.  
 -DESIGNED TO MATE WITH DEVICE OR CONNECTOR AS SPECIFIED IN THE MATING INTERFACE/CONNECTOR DRAWINGS CHART.  
 \*DENOTES DRAWINGS THAT CAN BE ACCESSED AT <http://ewcap.uscarteams.org/>.  
 -ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION (SEE PLR PRE-LOCK VIEW SHEET 5).

b. PRODUCT SPECIFICATION SEE:  
 -STANDARD CONFIGURATION (STD): PS-33472-000  
 -TRANSMISSION CONFIGURATION (TRNS):  
 CONTAINS SILICONE: TS-160038-0001  
 SILICONE FREE: TBD  
 -UL V0 CONFIGURATION (UL V0): TBD  
 CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), TERMINALS, WIRE DIAMETER RANGE, PRODUCT VALIDATION, AND PRODUCT DEVIATIONS.

c. PACKAGING SPECIFICATION PER MOLEX DRAWING; SEE PACKAGING CHART

d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: OEH5-699000-301

e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID=13255)

2. DESIGN - MATERIALS:

a. FOR BILL OF MATERIALS SEE:  
 -STANDARD CONFIGURATION SD-33472-0002  
 -TRANSMISSION CONFIGURATION  
 CONTAINS SILICONE: SD-160038-0002  
 SILICONE FREE: SD-160092-0002  
 -UL V0 CONFIGURATION SD-160074-0002

b. TRANSMISSION CONNECTOR COMPONENTS MUST MEET THE MATERIAL REQUIREMENTS SPECIFIED IN TS-160038-0001 & TBD

3. DESIGN - GEOMETRY:

a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS, DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.

b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009

c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715

d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.

e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.

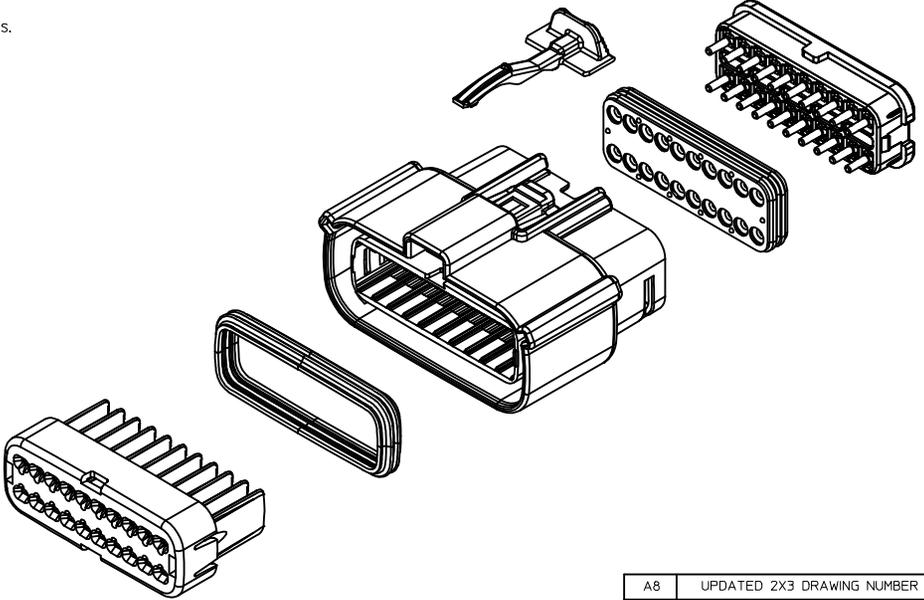
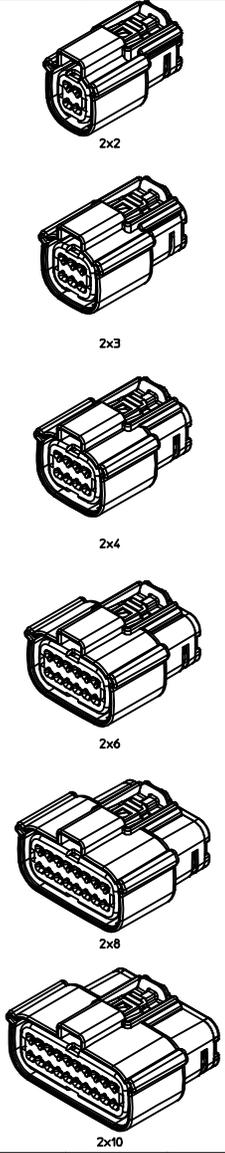
f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B).

g. LASER MARKING:  
 1. PART NUMBER  
 2. DAY OF THE YEAR  
 3. SHIFT  
 4. YEAR

FOR ADDITIONAL INFORMATION SEE SECTION 5 UNDER PROCEDURES IN ES-34735-008.

PACKAGING	
DESCRIPTION	DRAWING NO.
2X2	PK-31300-635
2X3	PK-31300-903
2X4	PK-31300-903
2X6	PK-31300-903
2X8	PK-31300-903
2X10	PK-31300-903

MATING INTERFACE/CONNECTOR DRAWINGS		
DESCRIPTION	INTERFACE DEFINITION	MOLEX INLINE
STANDARD 2X2	*150-S-004-2-Z02	SD-33482-0001
UL V0 2X2	*150-S-004-2-Z02	SD-33482-0001
STANDARD 2X3	*150-S-006-2-Z02	SD-33482-0001
TRANSMISSION 2X3	*150-S-006-2-Z02	N/A
STANDARD 2X4	*150-S-008-2-Z02	SD-33482-081
UL V0 2X4	*150-S-008-2-Z02	SD-33482-0001
STANDARD 2X6	*150-S-012-2-Z01	SD-33482-0001
STANDARD 2X8	*150-S-016-2-Z01	SD-33482-0001
STANDARD 2X10	SD-33472-0001	SD-33482-0001
UL V0 2X10	SD-33472-0001	SD-33482-0001



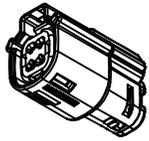
INSPECTION NUMBER LOG	
LAST NUMBER: 10	
ADDED:	
REMOVED:	

A8	UPDATED 2X3 DRAWING NUMBER
A7	UPDATED 2X10 INTERFACE
A6	ADDED TRANSMISSION REFERENCES
A5	ADD 2X10 INTERFACE SHEETS
A4	ADD UL V0 CONFIGURATIONS
A3	ADDED 2X3 STD AND TRANSMISSION
A2	UPDATED 2X8 BLD DRAWINGS
A1	FIXED TYPO IN NOTE 1a, UPDATED 2X6 MOLEX INLINE BLADE DRAWING
A	INITIAL RELEASE

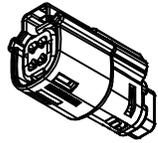
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	▽=0	4 PLACES ± --- ± ---	MM ONLY	15:1	METRIC	☉
	▽=0	3 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	2 PLACES ± 0.10 ± ---	APPROVED BY DATE	MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL		
▽=0	1 PLACE ± 0.2 ± ---	CHECKED BY DATE	molex			
▽=0	0 PLACE ± --- ± ---	APPROVED BY DATE	DOCUMENT NO. SD-33472-0001			
	ANGULAR ± 1 °	MATERIAL NO.	SHEET NO. 1 OF 9			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE NOTE 2a.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

**SHEET DESCRIPTION**

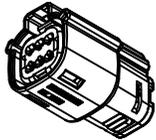
**CONFIGURATIONS**



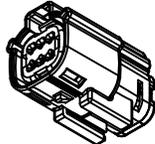
2X2 - STD.  
2X2 - TRNS. - SILICONE FREE †  
2X2 - UL V0 †



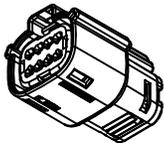
2X2 - STD. - LENGTHENED



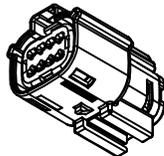
2X3 - STD.  
2X3 - TRNS. - CONTAINS SILICONE †



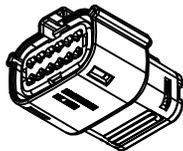
2X3 - STD. - WITH CLIPSLOT \*



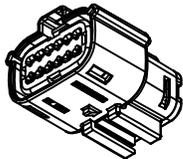
2X4 - STD.  
2X4 - UL V0 †



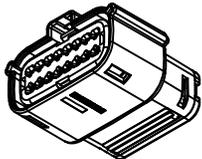
2X4 - STD. - WITH CLIPSLOT \*  
2X4 - UL V0 † - WITH CLIPSLOT \*



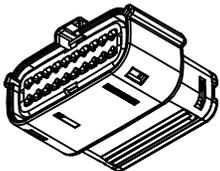
2X6 - STD.



2X6 - STD. - WITH CLIPSLOT \*



2X8 - STD.



2X10 - STD.  
2X10 - UL V0 †

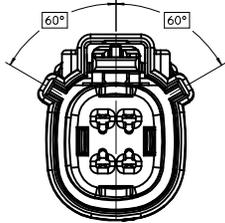
\* WITH CLIPSLOT CONFIGURATION DOES NOT MEET THE USCAR PACKAGING FRAME REQUIREMENTS

† SAME GEOMETRY AS STANDARD CONFIGURATION. SEE NOTES 1a & 2a-b FOR MORE INFORMATION

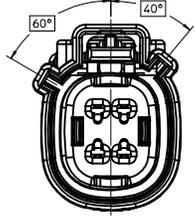
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		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.10 ± ---	1 PLACE ± 0.2 ± ---	0 PLACE ± --- ± ---	ANGULAR ± 1 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY APROFF/ITT	DATE 2014/05/14	CHECKED BY	DATE	APPROVED BY VKOSHY	DATE 2014/06/27	MATERIAL NO.	DOCUMENT NO. <b>SD-33472-0001</b>	SHEET NO. 2 OF 9
		SEE NOTE 2a.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
		A8	REV														

**SHEET DESCRIPTION**  
KEY CONFIGURATIONS

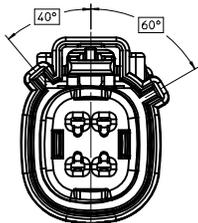
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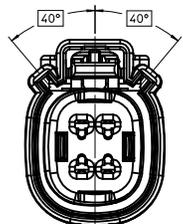
KEY A



KEY B

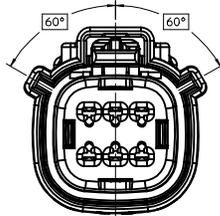


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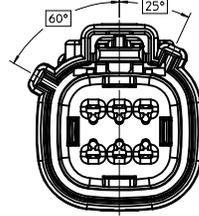


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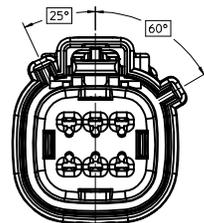
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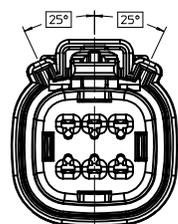
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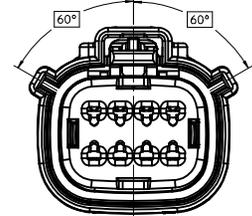


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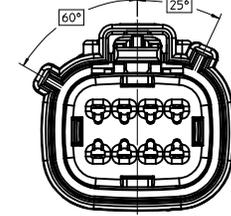


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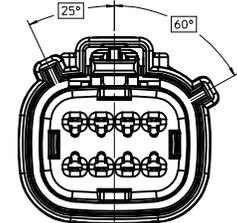
**2X4**



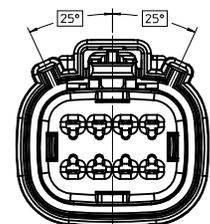
KEY A



KEY B



KEY C



KEY D

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	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	APPROF/ITT 2014/05/14	MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL		
▽=0	2 PLACES ± 0.10 ± ---	CHECKED BY DATE	moLEX			
	1 PLACE ± 0.2 ± ---	APPROVED BY DATE	DOCUMENT NO.			
	0 PLACE ± --- ± ---	VKOSHY 2014/06/27	SD-33472-0001			
	ANGULAR ± 1 °	MATERIAL NO.	SHEET NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE NOTE 2a.	3 OF 9			
		SIZE 1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

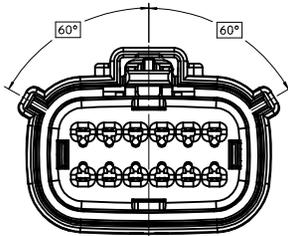
**SHEET DESCRIPTION**

KEY CONFIGURATIONS CONT.

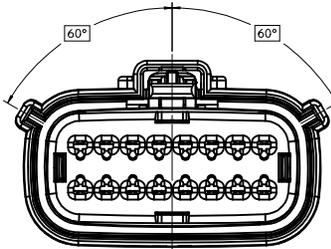
**2X6**

**2X8**

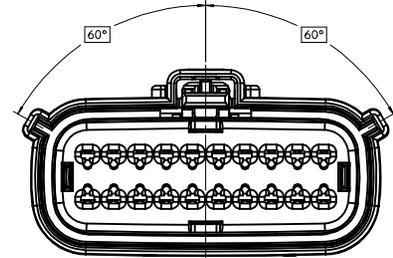
**2X10**



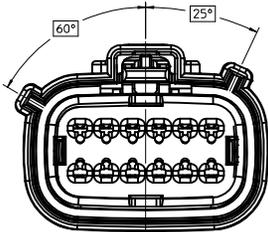
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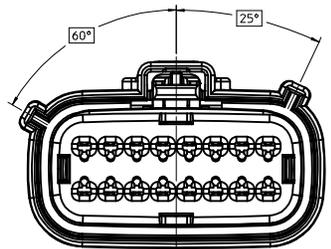
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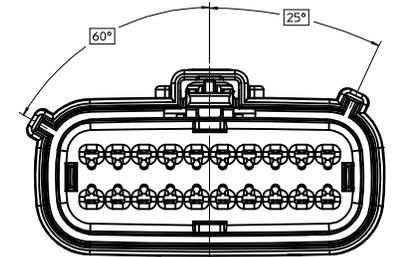
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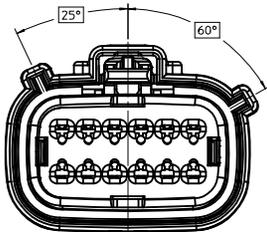
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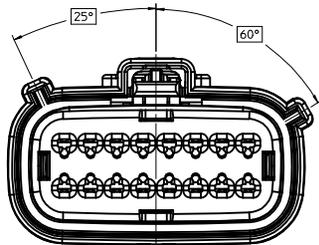
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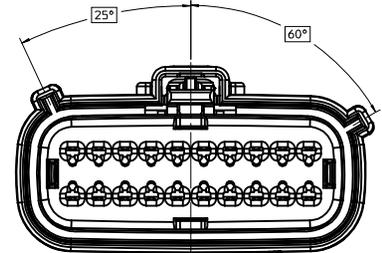
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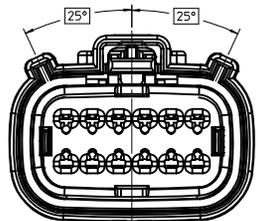
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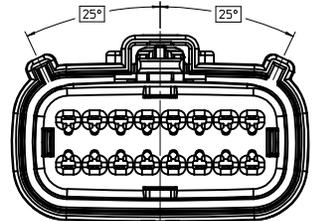
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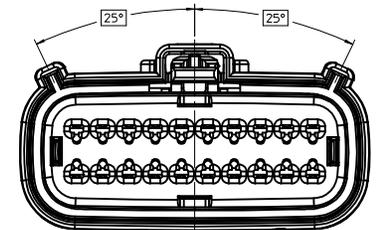
KEY C



KEY D



KEY D



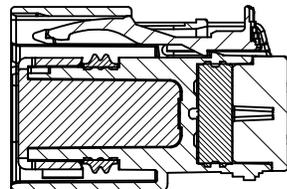
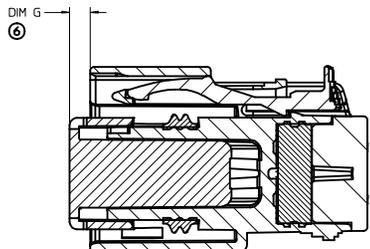
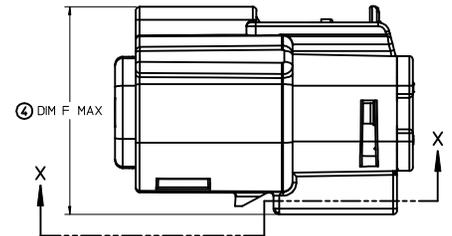
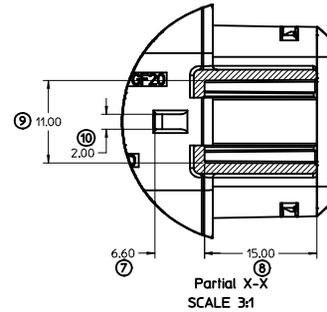
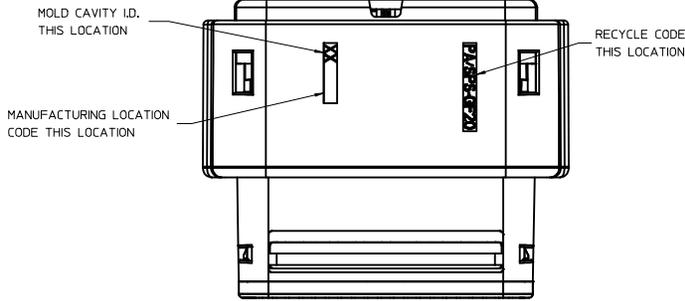
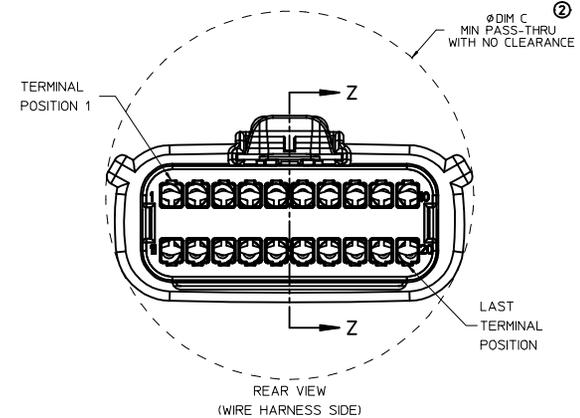
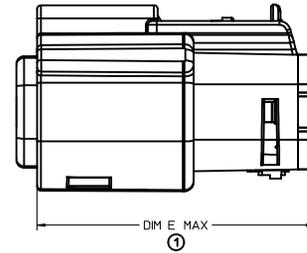
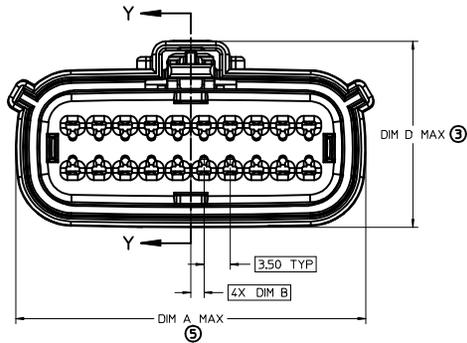
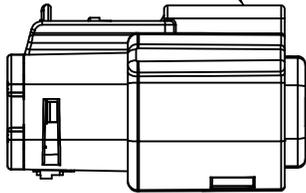
KEY D

<b>ENTER DESCRIPTION</b> ELEC NO: UA02016-0697 DRAWN BY: PROFFITT 2015/11/10 CHKD BY: BORUSZENSK 2015/11/11 APPR: VKOSHY 2015/11/13	<b>QUALITY SYMBOLS</b> ∇=0 ∇=0 ∇=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± ---	mm INCH ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY DATE APPROFFITT 2014/05/14 CHECKED BY DATE APPROVED BY DATE VKOSHY 2014/06/27	TITLE MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL <b>molex</b> DOCUMENT NO. SD-33472-0001	SHEET NO. 4 OF 9	

**SHEET DESCRIPTION**  
RECEPTACLE CONNECTOR ASSEMBLY

DESCRIPTION	DIMENSIONS						
	A	B	C	D	E	F	G
2X2 STANDARD	18.58	1.75	25.45	24.81	37.65	N/A	2.75±0.50
2X2 LENGTHENED	18.58	1.75	25.45	24.81	42.25	N/A	2.75±0.50
2X3 W/ CLIPSLOT	22.25	3.50	30.50	N/A	37.65	27.96	4.0±0.4
2X3 W/O CLIPSLOT	22.25	3.50	26.24	24.90	37.65	N/A	4.0±0.4
2X4 W/ CLIPSLOT	25.75	1.75	31.50	N/A	37.65	28.00	2.75±0.50
2X4 W/O CLIPSLOT	25.75	1.75	29.19	24.81	37.65	N/A	2.75±0.50
2X6 W/ CLIPSLOT	32.75	1.75	35.58	N/A	37.65	27.76	2.75±0.50
2X6 W/O CLIPSLOT	32.75	1.75	35.58	24.90	37.65	N/A	2.75±0.40
2X8 W/O CLIPSLOT	39.80	1.75	42.25	24.90	37.65	N/A	4.0±0.4
2X10 W/O CLIPSLOT	46.75	1.75	49.05	24.90	37.65	N/A	2.75±0.50

LASER MARKING ON THIS SURFACE  
SEE NOTE 3g.



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN  
IN PRE-STAGED POSITION  
SECTION Y-Y

PRIMARY LOCK REINFORCEMENT (PLR) SHOWN  
IN FINAL-LOCK POSITION  
SECTION Z-Z

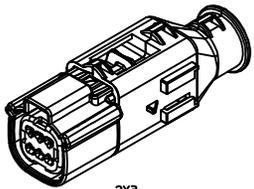
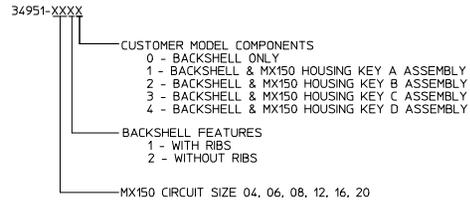
<b>ENTER DESCRIPTION</b> IEC NO: UAU2016-0697 DRWN:APROFF/ITT 2015/11/10 CHKD:KABORUSZENSK 2015/11/11 APPR:VKOSHY 2015/11/13	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± --- ± ---	MM ONLY	3:1	METRIC	☉
	▽=0.1	3 PLACES ± --- ± ---				
	▽=0.2	2 PLACES ± 0.10 ± ---				
▽=0	1 PLACE ± 0.2 ± ---	ANGULAR ± 1°	APPROVED BY	DATE	TITLE	
	0 PLACE ± --- ± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	VKOSHY	2014/06/27	MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL	
		SEE NOTE 2a.	MATERIAL NO.	DOCUMENT NO.	molex	
				SD-33472-0001	SHEET NO. 5 OF 9	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

**SHEET DESCRIPTION**  
BACKSHELL NOTES

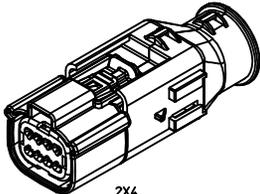
BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:  
 a. APPLICATION SPECIFICATION SEE: AS-34951-001  
 -DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33472-0001.  
 -SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.  
 -COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPERATELY.  
 -BACKSHELL DESIGN IS OWNED BY SCHLEMMER.  
 -FOR ADDITIONAL INFORMATION SEE THE BACKSHELL COMPONENT DRAWING SD-34951-0001.

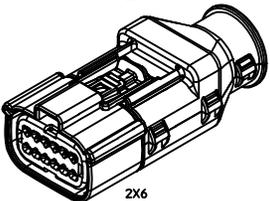
BACKSHELL CUSTOMER MODEL NUMBER LEGEND



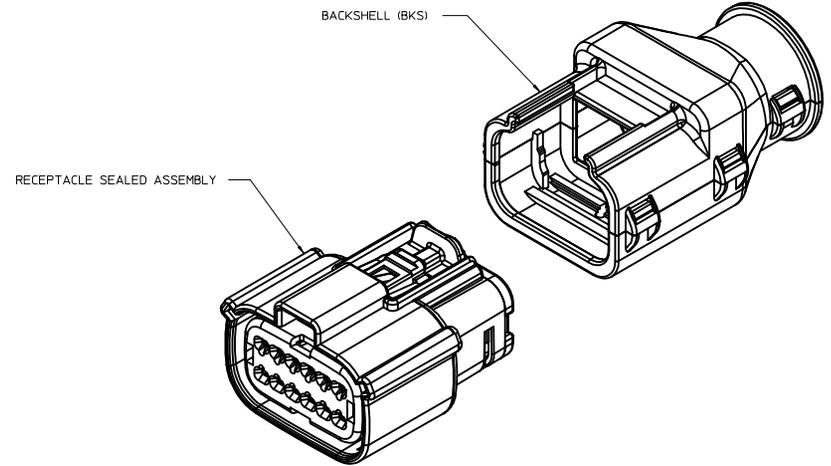
2X3



2X4



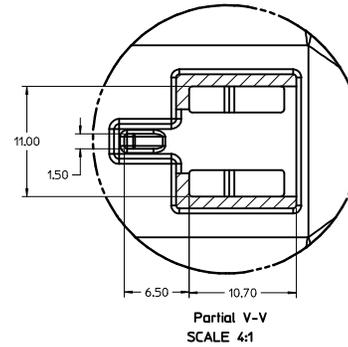
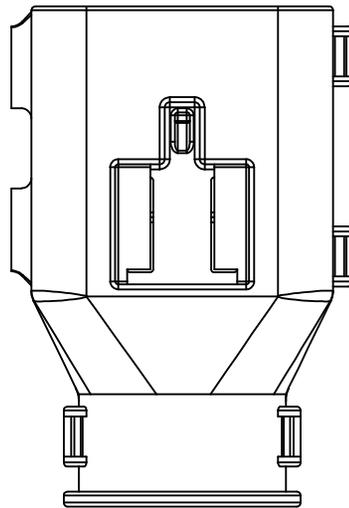
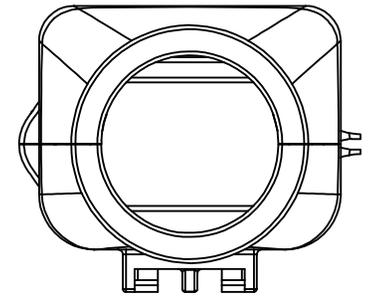
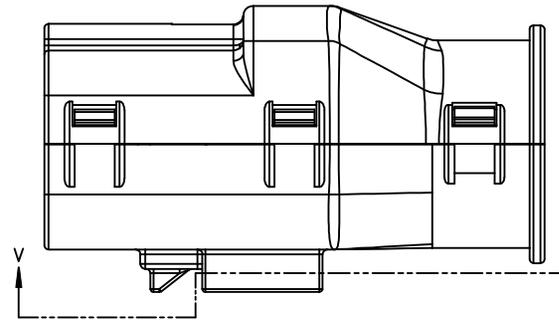
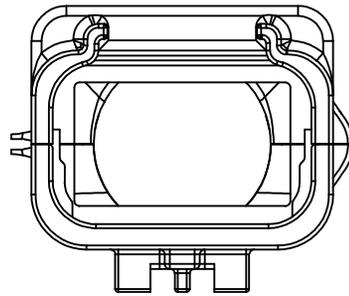
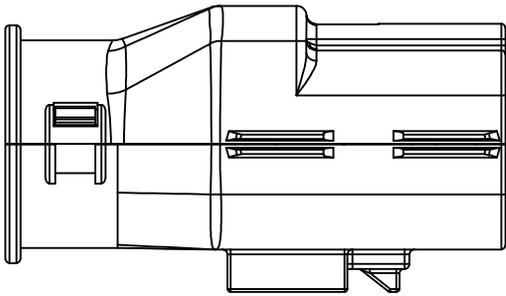
2X6



ENTER DESCRIPTION ELEC NO: UAU2016-0697 DRAWN BY: APROFFITT 2015/11/10 CHKD BY: KORUSZEWSKI 2015/11/11 APPR: WKOSHY 2015/11/13	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY APROFFITT	DATE 2014/05/14	TITLE MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL			
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY	DATE	molex DOCUMENT NO. SD-33472-0001 SHEET NO. 6 OF 9			
		2 PLACES ± 0.10 ± ---	1 PLACE ± 0.2 ± ---	APPROVED BY WKOSHY	DATE 2014/06/27				
ANGULAR ± 1 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE NOTE 2a.					

**SHEET DESCRIPTION**

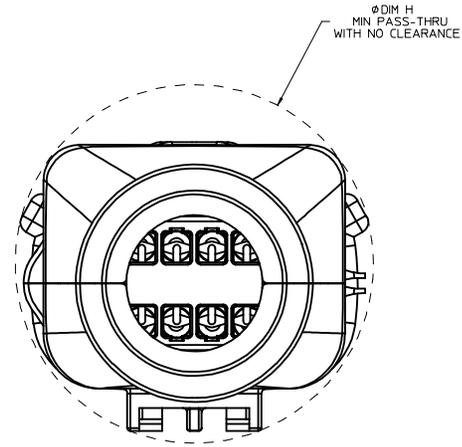
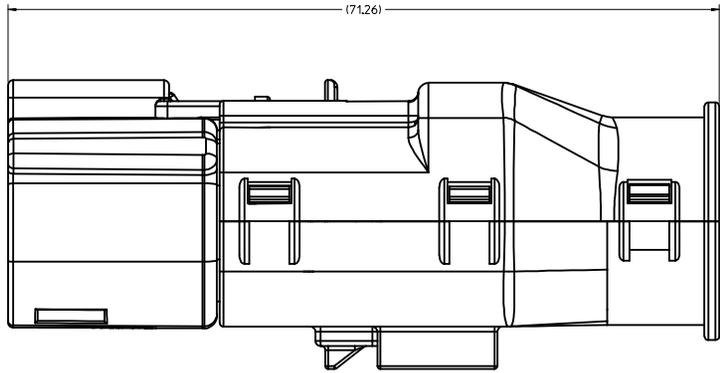
BACKSHELL



<b>ENTER DESCRIPTION</b> EC NO: UA02016-0697 DRAWN BY: DRWINAPROFFITT 2015/11/10 CHKD BY: BORUSZEK 2015/11/11 APPR: VKOSHY 2015/11/13 A8	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>4:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	mm	INCH	DRAWN BY	DATE	TITLE <b>MX150 RCPT                  DUAL ROW SEALED ASSEMBLY                  MAT SEAL</b>		
		3 PLACES ± --- ± ---			APPROVED BY	DATE	DOCUMENT NO. <b>SD-33472-0001</b>		
		2 PLACES ± 0.10 ± ---			CHECKED BY	DATE	SHEET NO. <b>7 OF 9</b>		
1 PLACE ± 0.2 ± ---			APPROVED BY VKOSHY 2014/06/27		MATERIAL NO. <b>SEE NOTE 2a.</b>		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
0 PLACE ± --- ± ---			ANGULAR ± 1 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				

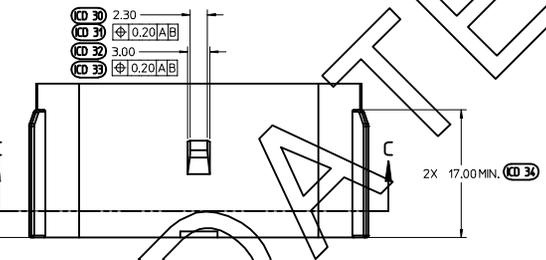
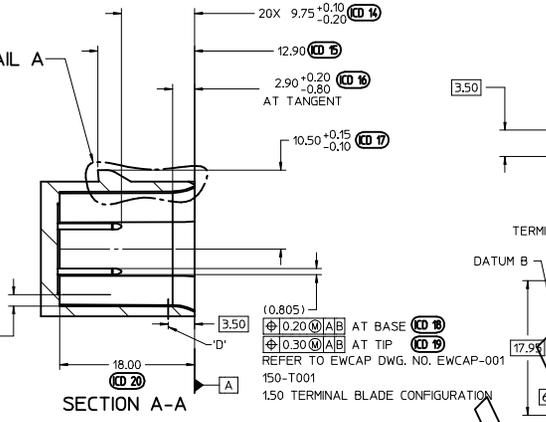
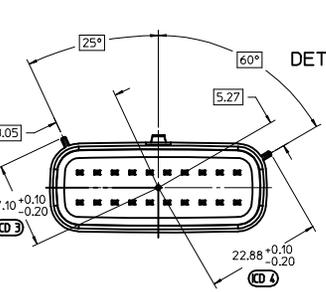
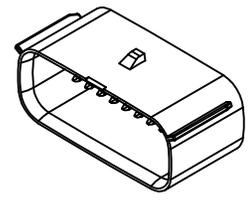
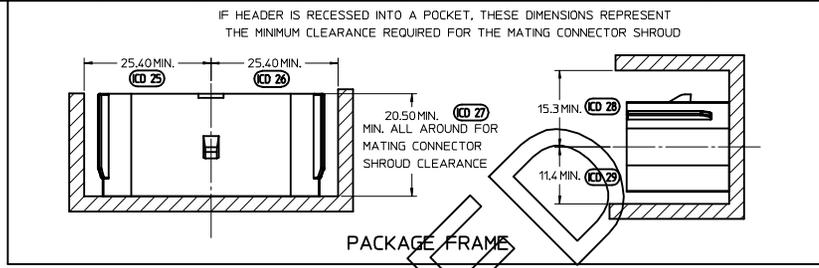
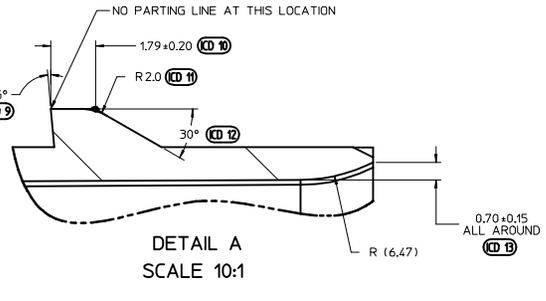
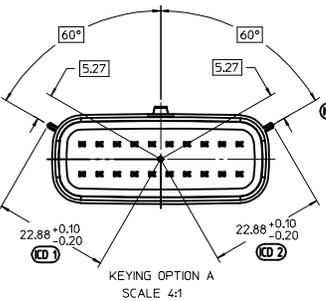
**SHEET DESCRIPTION**  
BACKSHELL CONFIGURATIONS

CHARTED DIMENSIONS	
DESCRIPTION	DIMENSIONS
	H
2X2 STANDARD	TBD
2X2 LENGTHENED	TBD
2X3 W/ CLIPSLOT	TBD
2X3 W/O CLIPSLOT	28,50
2X4 W/ CLIPSLOT	TBD
2X4 W/O CLIPSLOT	30,75
2X6 W/ CLIPSLOT	TBD
2X6 W/O CLIPSLOT	35,83
2X8 W/O CLIPSLOT	TBD
2X10 W/O CLIPSLOT	TBD

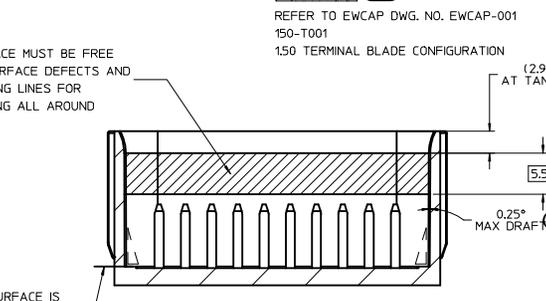
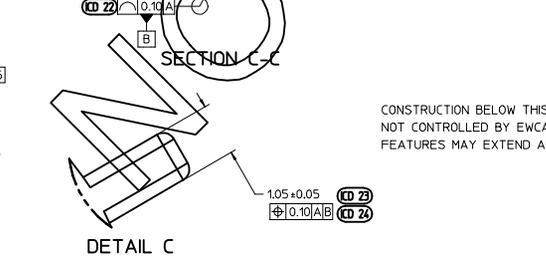
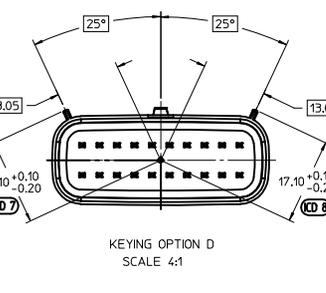
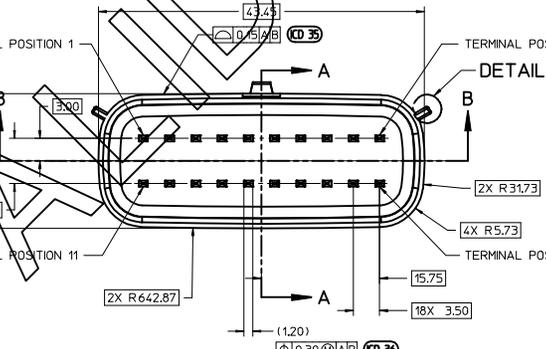
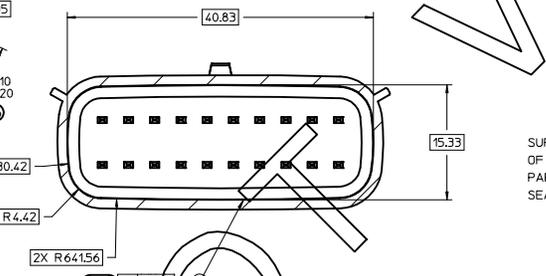
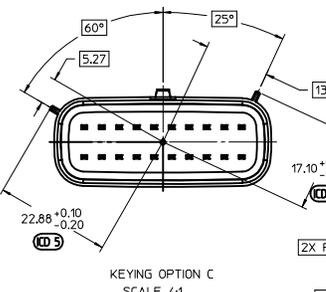


RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL

<b>ENTER DESCRIPTION</b> ELEC NO: UAU2016-0697 DRWN:APROFFITT 2015/11/10 CHK:KORBUSZENSK 2015/11/11 APPR:VKOSHY 2015/11/13 <b>A8</b>	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>4:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	mm INCH	DRAWN BY APROFFITT	DATE 2014/05/14	TITLE <b>MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL</b>			
		3 PLACES ± --- ± ---	± 0.10 ± ---	CHECKED BY VKOSHY	DATE 2014/06/27	DOCUMENT NO. <b>SD-33472-0001</b>			
		2 PLACES ± 0.2 ± ---	± --- ± ---	APPROVED BY VKOSHY		DATE 2014/06/27	SHEET NO. 8 OF 9		
1 PLACE ± 0.2 ± ---	± --- ± ---	ANGULAR ± 1 °		MATERIAL NO.		SEE NOTE 2a.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
0 PLACE ± --- ± ---	± --- ± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A1		INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



1. GENERAL:
- a. DESIGNED TO MATE WITH MOLEX CONNECTOR 33472-2YXX & 160008-0XXX & 160074-0XXX. A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO INSURE THAT THE CONNECTOR-HEADER POLARIZATION FEATURES (OPTIONS A THRU D) WILL FUNCTION. THE FULL SHROUD ALSO PREVENTS SCOOP DAMAGE TO THE HEADER PINS. REFER TO 'SAE/USCAR-12 CONNECTOR DESIGN GUIDE LINES' FOR ADDITIONAL INFORMATION.
  - b. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
  - c. FLAMMABILITY REQUIREMENT: PER ISO3795 OR GM3191
    - 1. BURN RATE 100mm/MIN MAXIMUM
    - 2. MATERIAL MUST BE SELF EXTINGUISHING
2. MATERIALS:
- a. MATERIAL: SPS/NYLON GF20, REGRIND 20% MAX BY WEIGHT
  - b. STANDARD COLORS FOR POLARIZATION (SEE KEYING OPTIONS TABLE). DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON
  - c. FOR BLADE BASE MATERIAL, PLATING AND PROCESS LUBRICANT:
    - 1. TIN: - BASE MATERIAL: COPPER ALLOY, CONDUCTIVITY >=60% IACS AT 20°C, TENSILE STRENGTH >= 410 N/mm²
    - BARRIER MATERIAL: NICKEL DEPOSIT FROM NICKEL SULFAMATE PLATING SOLUTION W/O ANY ADDITIVES
    - THICKNESS: 125 - 225 MICROMETERS
    - TOP LAYER: 100% ELECTRO-DEPOSITED TIN, MATTE FINISH
    - THICKNESS: 2.5 - 4.0 MICROMETERS
    - 2. SILVER: - BARRIER MATERIAL: ELECTRO-DEPOSITED DUCTILE SULPHAMATE NICKEL
    - THICKNESS: 125 - 225 MICROMETERS
    - TOP LAYER: ELECTRO-DEPOSITED SEMI-BRIGHT PURE SILVER (0.5% MAX IMPURITIES) OVER NICKEL ANTI-TARNISH TREATMENT EVERBRIGHT WS
    - THICKNESS: 19 - 3.3 MICROMETERS
  - 3. BLADES MUST CONFORM TO ES-40000-5007, EXCEPT FOR SPECULAR REFLECTIVITY - SECTION 6.0
  - 4. ANY PROCESS LUBRICANT REMAINING ON THE TERMINAL MUST NOT VARNISH OR DEGRADE IT'S ELECTRICAL PERFORMANCE UP TO A MAXIMUM CLASS AMBIENT TEMPERATURE PER SAE USCAR-2 FOR 1008 HOURS. PROCESS LUBRICANTS SHOULD BE APPROVED BY THE RESPONSIBLE ENGINEER.
  - 5. INFORMATION FOR BLADE DESIGN WAS DEVELOPED FROM EWCAP DWG: EWCAP-001
3. GEOMETRY:
- a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART, FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
  - b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
  - c. GENERAL TOLERANCES: SEE TITLE BLOCK
  - d. EDGES AND UNDIMENSIONED DETAILS PER ISO19175
4. MANUFACTURING:
- a. DRAFT TO BE WITHIN TOLERANCE. PLUS DRAFT - INDICATES A DIMENSION REPRESENTS THE SMALLEST SIZE OF A FEATURE, DRAFT WILL ADD MATERIAL. MINUS DRAFT - INDICATES A DIMENSION REPRESENTS THE LARGEST SIZE OF A FEATURE, DRAFT WILL REMOVE MATERIAL.
  - b. ALLOWABLE FLASH MAX 0.20 HIGH BY MAX 0.13 THICK.
  - c. ALLOWABLE SPLIT/PARTING LINE MISMATCH 0.2 MAX.
  - d. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
  - e. NO EXTERNAL MOLD RELEASE AGENT ALLOWED DURING MANUFACTURING
  - f. NO PARTING LINES, NO DRAFT, MISMATCHES OR EJECTOR MARKS PERMISSIBLE WITHIN SEALING SURFACE. SEALING SURFACE TOOLING TO BE PROCESSED TO A SURFACE FINISH OF NTMA #70 (400 PAPER) MINIMUM



CONSTRUCTION BELOW THIS SURFACE IS NOT CONTROLLED BY EWCAP. NO PLASTIC FEATURES MAY EXTEND ABOVE THIS SURFACE.

150-S-002-2-D02	D	STONE GRAY
150-S-002-2-C02	C	DK GRAY
150-S-002-2-B02	B	LT GRAY
150-S-002-2-A02	A	BLACK
P/N	OPTION	MATING CONNECTOR COLOR

DETAIL C SCALE 20:1 APPLIES 2X SEE KEYING OPTION VIEWS FOR POSITIONS

ENTER DESCRIPTION ELEC NO: UAUZ016-0697 DRAWN BY: PROFFITT CHECKED BY: CHIKORUSZENSK APPROVED BY: WKOUSHY DATE: 2015/11/10 DATE: 2015/11/11 DATE: 2015/11/13	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± --- ± ---	MM ONLY	3:1	METRIC	☑
	▽=0.10	3 PLACES ± --- ± ---	mm INCH	DRAWN BY DATE		
	▽=0.20	2 PLACES ± 0.10 ± ---		APPROFIT 2014/05/14		
▽=0.30	1 PLACE ± 0.2 ± ---		CHECKED BY DATE			
▽=0.40	0 PLACE ± --- ± ---		APPROVED BY DATE			
		ANGULAR ± 1°	MATERIAL NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE NOTE 2a.			
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

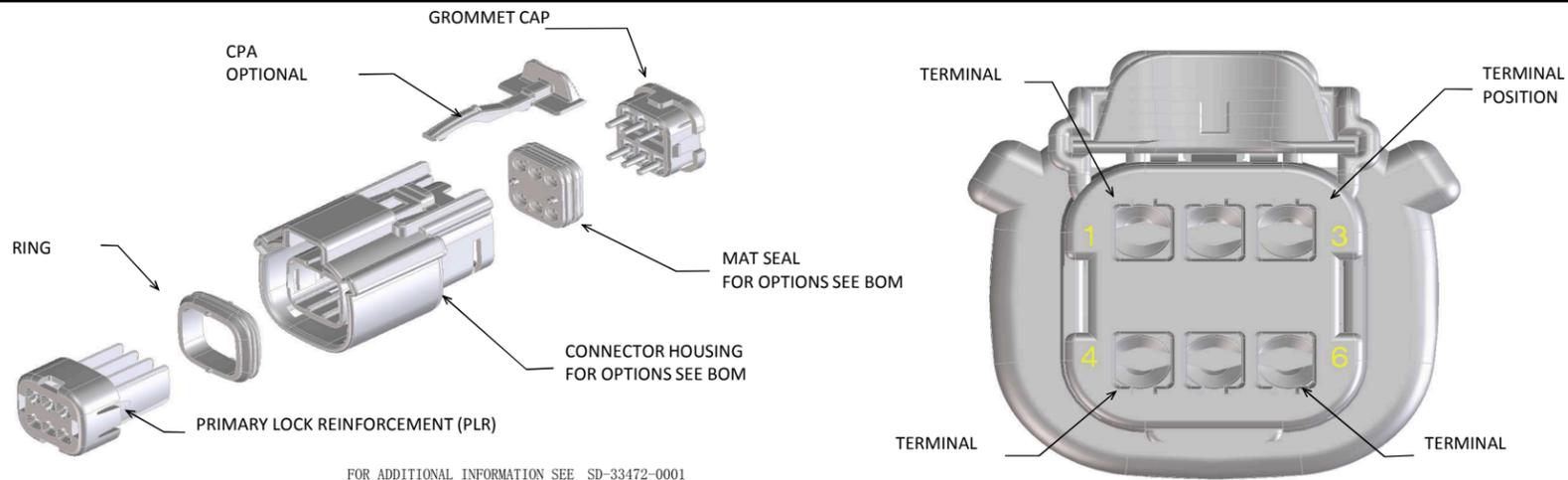
MX150 RCPT  
 DUAL ROW SEALED ASSEMBLY  
 MAT SEAL  
**molex**  
 DOCUMENT NO. SD-33472-0001  
 SHEET NO. 9 OF 9



**MX150 RECEPTACLE 2X2 SEALED ASSEMBLY MAT SEAL  
BOM AND PIN OUT SHEET**

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS										STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY		
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION												BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS	
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4											
KEY A, BLACK, W/O CPA	33472-4054	A-BLK	GCP	PLR		M	R	1		3										SALEABLE		
KEY B, LIGHT GRAY, W/CPA	33472-4055	B-LG	GCP	PLR	CPA	M	R	1												SALEABLE		
KEY A, BLACK, W/O CPA	33472-4056	A-BLK	GCP	PLR		M	R	1												SALEABLE		

MX150 RECEPTACLE 2X3 SEALED ASSEMBLY MAT SEAL  
BOM AND PIN OUT SHEET



ABBREVIATION	DESCRIPTION	COLOR	MATERIAL
A-BLK	HOUSING, KEYING OPTION A	BLACK	SPS/NYLON GF20
B-LG	HOUSING, KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
C-BR	HOUSING, KEYING OPTION C	BROWN	SPS/NYLON GF20
D-GR	HOUSING, KEYING OPTION D	GREEN	SPS/NYLON GF20
C-DG	HOUSING, KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
D-SG	HOUSING, KEYING OPTION D	STONE GRAY	SPS/NYLON GF20
A-YW	HOUSING, KEYING OPTION A	YELLOW	SPS/NYLON GF20
A-BLK-CLIP	HOUSING, KEYING OPTION A WITH CLIPSLOT	BLACK	SPS/NYLON GF20
B-LG-CLIP	HOUSING, KEYING OPTION B WITH CLIPSLOT	LIGHT GRAY	SPS/NYLON GF20
C-BR-CLIP	HOUSING, KEYING OPTION C WITH CLIPSLOT	BROWN	SPS/NYLON GF20
D-GR-CLIP	HOUSING, KEYING OPTION D WITH CLIPSLOT	GREEN	SPS/NYLON GF20
C-DG-CLIP	HOUSING, KEYING OPTION C WITH CLIPSLOT	DARK GRAY	SPS/NYLON GF20
D-SG-CLIP	HOUSING, KEYING OPTION D WITH CLIPSLOT	STONE GRAY	SPS/NYLON GF20
A-SG-CLIP	HOUSING, KEYING OPTION A WITH CLIPSLOT	YELLOW	SPS/NYLON GF20
GC	GROMMET CAP	BLACK	SPS/NYLON GF20
PLR	PLR	NATURAL	SPS/NYLON GF20
CPA	CPA	RED	PBT GF30
M	MAT SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE
R	RING SEAL	RUST RED	INHERENTLY LUBRICATED SILICONE

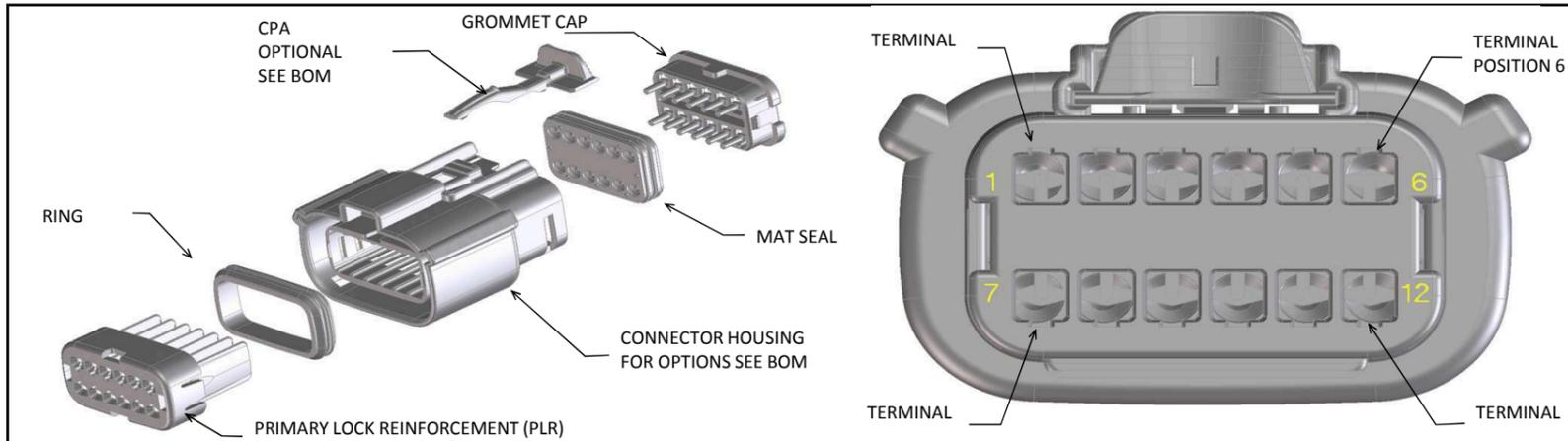
FOR ADDITIONAL INFORMATION SEE SD-33472-0001

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS						STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPARATELY			
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION								BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS		
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6						
KEY A, BLACK, W/O CPA	33472-0601	A-BLK	GC	PLR		M	R									SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/O CPA	33472-0602	B-LG	GC	PLR		M	R									SALEABLE		34951-0610	34951-0620
KEY C, BROWN, W/O CPA	33472-0603	C-BR	GC	PLR		M	R									NOT RECOMMENDED	SEE P/N 33472-0669	34951-0610	34951-0620
KEY D, GREEN, W/O CPA	33472-0604	D-GR	GC	PLR		M	R									NOT RECOMMENDED	SEE P/N 33472-0668	34951-0610	34951-0620
VOID KEY	33472-0605																		
KEY A, BLACK, W/CPA	33472-0606	A-BLK	GC	PLR	CPA	M	R									SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/CPA	33472-0607	B-LG	GC	PLR	CPA	M	R									SALEABLE		34951-0610	34951-0620
KEY C, BROWN, W/CPA	33472-0608	C-BR	GC	PLR	CPA	M	R									NOT RECOMMENDED	SEE P/N 33472-0670	34951-0610	34951-0620
KEY D, GREEN, W/CPA	33472-0609	D-GR	GC	PLR	CPA	M	R									NOT RECOMMENDED	SEE P/N 33472-0671	34951-0610	34951-0620
VOID KEY	33472-0610																		
KEY A, BLACK, W/O CPA	33472-0611	A-BLK	GC	PLR		M	R			3						SALEABLE	SAME AS P/N 33472-0658	34951-0610	34951-0620
KEY B, LIGHT GRAY, W/O CPA	33472-0612	B-LG	GC	PLR		M	R			3						SALEABLE		34951-0610	34951-0620
KEY C, BROWN, W/O CPA	33472-0613	C-BR	GC	PLR		M	R			3						NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/O CPA	33472-0614	D-GR	GC	PLR		M	R			3						NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0615																		
KEY A, BLACK, W/CPA	33472-0616	A-BLK	GC	PLR	CPA	M	R			3						SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/CPA	33472-0617	B-LG	GC	PLR	CPA	M	R			3						SALEABLE		34951-0610	34951-0620
KEY C, BROWN, W/CPA	33472-0618	C-BR	GC	PLR	CPA	M	R			3						NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/CPA	33472-0619	D-GR	GC	PLR	CPA	M	R			3						NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0620																		
KEY A, BLACK, W/O CPA	33472-0621	A-BLK	GC	PLR		M	R			3	4					SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/O CPA	33472-0622	B-LG	GC	PLR		M	R			3	4					SALEABLE		34951-0610	34951-0620
KEY C, BROWN, W/O CPA	33472-0623	C-BR	GC	PLR		M	R			3	4					NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/O CPA	33472-0624	D-GR	GC	PLR		M	R			3	4					NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0625																		
KEY A, BLACK, W/CPA	33472-0626	A-BLK	GC	PLR	CPA	M	R			3	4					SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/CPA	33472-0627	B-LG	GC	PLR	CPA	M	R			3	4					SALEABLE		34951-0610	34951-0620
KEY C, BROWN, W/CPA	33472-0628	C-BR	GC	PLR	CPA	M	R			3	4					NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/CPA	33472-0629	D-GR	GC	PLR	CPA	M	R			3	4					NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0630																		
KEY A, BLACK, W/O CPA, W/O MAT SEAL	33472-0631	A-BLK	GC	PLR			R									NOT VALIDATED		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/O CPA, W/O MAT SEAL	33472-0632	B-LG	GC	PLR			R									NOT VALIDATED		34951-0610	34951-0620
KEY C, BROWN, W/O CPA, W/O MAT SEAL	33472-0633	C-BR	GC	PLR			R									NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/O CPA, W/O MAT SEAL	33472-0634	D-GR	GC	PLR			R									NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0635																		
KEY A, BLACK, W/O CPA	33472-0636	A-BLK	GC	PLR		M	R		1	2	3	4	5	6		SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/O CPA	33472-0637	B-LG	GC	PLR		M	R		1	2	3	4	5	6		SALEABLE		34951-0610	34951-0620
KEY C, BROWN, W/O CPA	33472-0638	C-BR	GC	PLR		M	R		1	2	3	4	5	6		NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/O CPA	33472-0639	D-GR	GC	PLR		M	R		1	2	3	4	5	6		NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0640																		
KEY A, BLACK, W/O CPA	33472-0641	A-BLK	GC	PLR		M	R			2	3	4	5			SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/O CPA	33472-0642	A-BLK	GC	PLR		M	R				3	4				SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/CPA	33472-0643	A-BLK	GC	PLR	CPA	M	R		1		3	4				SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/CPA	33472-0644	B-LG	GC	PLR	CPA	M	R		1		3	4				SALEABLE		34951-0610	34951-0620
KEY C, BROWN, W/CPA	33472-0645	C-BR	GC	PLR	CPA	M	R		1		3	4				NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/CPA	33472-0646	D-GR	GC	PLR	CPA	M	R		1		3	4				NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0647																		
KEY A, BLACK, W/O CPA	33472-0648	A-BLK	GC	PLR		M	R		1		3	4		6		SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/O CPA	33472-0649	B-LG	GC	PLR		M	R		1		3	4		6		SALEABLE		34951-0610	34951-0620
KEY C, BROWN, W/O CPA	33472-0650	C-BR	GC	PLR		M	R		1		3	4		6		NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/O CPA	33472-0651	D-GR	GC	PLR		M	R		1		3	4		6		NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0652																		
KEY A, BLACK, W/CPA	33472-0653	A-BLK	GC	PLR	CPA	M	R		1		3	4		6		SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/CPA	33472-0654	B-LG	GC	PLR	CPA	M	R		1		3	4		6		SALEABLE		34951-0610	34951-0620
KEY C, BROWN, W/CPA	33472-0655	C-BR	GC	PLR	CPA	M	R		1		3	4		6		NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/CPA	33472-0656	D-GR	GC	PLR	CPA	M	R		1		3	4		6		NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0657																		
KEY A, BLACK, W/O CPA	33472-0658	A-BLK	GC	PLR		M	R				3					SALEABLE		34951-0610	34951-0620

MX150 RECEPTACLE 2X3 SEALED ASSEMBLY MAT SEAL  
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS						STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY			
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION								BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS		
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6						
KEY A, BLACK, W/O CPA	33472-0659	A-BLK	GC	PLR		M	R			3			5	6	SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/CPA	33472-0660	A-BLK	GC	PLR	CPA	M	R	1		3	4		5	6	SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/O CPA	33472-0661	A-BLK	GC	PLR		M	R		2						SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/O CPA	33472-0662	A-BLK	GC	PLR		M	R		2				5		SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/O CPA	33472-0663	A-BLK	GC	PLR		M	R						5	6	SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/O CPA	33472-0664	A-BLK	GC	PLR		M	R				4		5	6	SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/O CPA	33472-0665	A-BLK	GC	PLR		M	R	1							SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/O CPA	33472-0666	A-BLK	GC	PLR		M	R		2				5	6	SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/O CPA	33472-0667	A-BLK	GC	PLR		M	R	1		3			5	6	SALEABLE		34951-0610	34951-0620	
KEY C, DARK GRAY, W/O CPA	33472-0668	C-DG	GC	PLR		M	R								SALEABLE		34951-0610	34951-0620	
KEY D, STONE GRAY, W/O CPA	33472-0669	D-SG	GC	PLR		M	R								SALEABLE		34951-0610	34951-0620	
KEY C, DARK GRAY, W/CPA	33472-0670	C-DG	GC	PLR	CPA	M	R								SALEABLE		34951-0610	34951-0620	
KEY D, STONE GRAY, W/CPA	33472-0671	D-SG	GC	PLR	CPA	M	R								SALEABLE		34951-0610	34951-0620	
KEY B, LIGHT GRAY, W/O CPA	33472-0672	B-LG	GC	PLR		M	R						5		SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/O CPA	33472-0673	A-BLK	GC	PLR		M	R							6	SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/CPA	33472-0674	A-BLK	GC	PLR	CPA	M	R						5	6	SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/CPA	33472-0675	A-BLK	GC	PLR	CPA	M	R							6	SALEABLE		34951-0610	34951-0620	
KEY B, LIGHT GRAY, W/CPA	33472-0676	B-LG	GC	PLR	CPA	M	R	1					5		SALEABLE		34951-0610	34951-0620	
KEY B, LIGHT GRAY, W/O CPA	33472-0677	B-LG	GC	PLR		M	R	1					5		SALEABLE		34951-0610	34951-0620	
KEY B, LIGHT GRAY, W/O CPA	33472-0678	B-LG	GC	PLR		M	R						5	6	SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/CPA	33472-0679	A-BLK	GC	PLR	CPA	M	R	1	2	3					SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/O CPA	33472-0680	A-BLK	GC	PLR		M	R	3	2	3					SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/CPA	33472-0681	A-BLK	GC	PLR	CPA	M	R		2						SALEABLE		34951-0610	34951-0620	
KEY A, YELLOW, W/CPA	33472-0682	A-YW	GC	PLR	CPA	M	R								SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/O CPA	33472-0683	A-BLK	GC	PLR		M	R			3	4		5	6	SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/CPA	33472-0684	A-BLK	GC	PLR	CPA	M	R			2	3				SALEABLE		34951-0610	34951-0620	
KEY B, LIGHT GRAY, W/CPA	33472-0685	B-LG	GC	PLR	CPA	M	R	1	2	3	4		5	6	SALEABLE		34951-0610	34951-0620	
KEY B, LIGHT GRAY, W/CPA	33472-0686	B-LG	GC	PLR	CPA	M	R		2	3					SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/O CPA	33472-0687	A-BLK	GC	PLR		M	R	1		3	4				SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/CPA	33472-0688	A-BLK	GC	PLR	CPA	M	R			4			5	6	SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/CPA	33472-0689	A-BLK	GC	PLR	CPA	M	R			4					SALEABLE		34951-0610	34951-0620	
KEY B, LIGHT GRAY, W/CPA	33472-0690	B-LG	GC	PLR	CPA	M	R			4					SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/CPA	33472-0691	A-BLK	GC	PLR	CPA	M	R	1		3			5		SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, W/CPA	33472-0692	A-BLK	GC	PLR	CPA	M	R		2		4			6	SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0701	A-BLK-CLIP	GC	PLR		M	R								SALEABLE				
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-0702	B-LG-CLIP	GC	PLR		M	R								SALEABLE				
KEY C, BROWN, WITH CLIPSLOT, W/O CPA	33472-0703	C-BR-CLIP	GC	PLR		M	R								NOT RECOMMENDED—SEE P/N 33472-0714				
KEY D, GREEN, WITH CLIPSLOT, W/O CPA	33472-0704	D-GR-CLIP	GC	PLR		M	R								NOT RECOMMENDED—SEE P/N 33472-0715				
KEY A, BLACK, WITH CLIPSLOT, W/CPA	33472-0705	A-BLK-CLIP	GC	PLR	CPA	M	R								SALEABLE				
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/CPA	33472-0706	B-LG-CLIP	GC	PLR	CPA	M	R								SALEABLE				
KEY C, BROWN, WITH CLIPSLOT, W/CPA	33472-0707	C-BR-CLIP	GC	PLR	CPA	M	R								NOT RECOMMENDED—SEE P/N 33472-0716				
KEY D, GREEN, WITH CLIPSLOT, W/CPA	33472-0708	D-GR-CLIP	GC	PLR	CPA	M	R								NOT RECOMMENDED—SEE P/N 33472-0717				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0709	A-BLK-CLIP	GC	PLR		M	R			3					SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0710	A-BLK-CLIP	GC	PLR		M	R			2	3		4	5	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0711	A-BLK-CLIP	GC	PLR		M	R						5	6	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0712	A-BLK-CLIP	GC	PLR		M	R				3		4		SALEABLE				
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-0713	B-LG-CLIP	GC	PLR		M	R						5		SALEABLE				
KEY C, DARK GRAY, WITH CLIPSLOT, W/O CPA	33472-0714	C-DG-CLIP	GC	PLR		M	R								SALEABLE				
KEY D, STONE GRAY, WITH CLIPSLOT, W/O CPA	33472-0715	D-SG-CLIP	GC	PLR		M	R								SALEABLE				
KEY C, DARK GRAY, WITH CLIPSLOT, W/CPA	33472-0716	C-DG-CLIP	GC	PLR	CPA	M	R								SALEABLE				
KEY D, STONE GRAY, WITH CLIPSLOT, W/CPA	33472-0717	D-SG-CLIP	GC	PLR	CPA	M	R								SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0718	A-BLK-CLIP	GC	PLR		M	R				3			6	SALEABLE				
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/CPA	33472-0719	B-LG-CLIP	GC	PLR	CPA	M	R	1					5		SALEABLE				
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-0720	B-LG-CLIP	GC	PLR		M	R						5		SALEABLE				
KEY C, DARK GRAY, WITH CLIPSLOT, W/O CPA	33472-0721	C-DG-CLIP	GC	PLR		M	R				3				SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0722	A-BLK-CLIP	GC	PLR		M	R				4		5	6	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0723	A-BLK-CLIP	GC	PLR		M	R			2	3		5	6	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0724	A-BLK-CLIP	GC	PLR		M	R			2				6	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0725	A-BLK-CLIP	GC	PLR		M	R				3		5	6	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0726	A-BLK-CLIP	GC	PLR		M	R							6	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0727	A-BLK-CLIP	GC	PLR		M	R							6	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0728	A-BLK-CLIP	GC	PLR		M	R			1	2	3	4	5	6	SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0729	A-BLK-CLIP	GC	PLR		M	R	1		2		3	4	5	6	SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0730	A-BLK-CLIP	GC	PLR		M	R						4		SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0731	A-BLK-CLIP	GC	PLR		M	R						4		SALEABLE				
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-0732	B-LG-CLIP	GC	PLR		M	R				4			6	SALEABLE				
KEY A, BLACK, W/CPA	33472-0733	A-BLK	GC	PLR	CPA	M	R			2			5	6	SALEABLE		34951-0610	34951-0620	
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0734	A-BLK-CLIP	GC	PLR		M	R						5		SALEABLE				
KEY A, BLACK, W/O CPA	33472-0735	A-BLK	GC	PLR		M	R						5		SALEABLE				

MX150 RECEPTACLE 2X6 SEALED ASSEMBLY MAT SEAL  
BOM AND PIN OUT SHEET



ABBREVIATION	DESCRIPTION	COLOR	MATERIAL
A-BLK	HOUSING, KEYING OPTION A	BLACK	SPS/NYLON GF20
B-LG	HOUSING, KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
C-BR	HOUSING, KEYING OPTION C	BROWN	SPS/NYLON GF20
D-GR	HOUSING, KEYING OPTION D	GREEN	SPS/NYLON GF20
C-DG	HOUSING, KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
D-SG	HOUSING, KEYING OPTION D	STONE GRAY	SPS/NYLON GF20
A-YW	HOUSING, KEYING OPTION A	YELLOW	SPS/NYLON GF20
A-BLK-CLIP	HOUSING, KEYING OPTION A WITH CLIPSLOT	BLACK	SPS/NYLON GF20
B-LG-CLIP	HOUSING, KEYING OPTION B WITH CLIPSLOT	LIGHT GRAY	SPS/NYLON GF20
C-BR-CLIP	HOUSING, KEYING OPTION C WITH CLIPSLOT	BROWN	SPS/NYLON GF20
D-GR-CLIP	HOUSING, KEYING OPTION D WITH CLIPSLOT	GREEN	SPS/NYLON GF20
C-DG-CLIP	HOUSING, KEYING OPTION C WITH CLIPSLOT	DARK GRAY	SPS/NYLON GF20
D-SG-CLIP	HOUSING, KEYING OPTION C WITH CLIPSLOT	STONE GRAY	SPS/NYLON GF20
GC	GROMMET CAP	BLACK	SPS/NYLON GF20
PLR	PLR	NATURAL	SPS/NYLON GF20
CPA	CPA	RED	PBT GF30
M	MAT SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE
R	RING SEAL	GREEN	INHERENTLY LUBRICATED SILICONE

FOR ADDITIONAL INFORMATION SEE SD-33472-0001

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS												STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY				
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION														BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS			
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6	7	8	9	10	11	12							
KEY A, BLACK, W/O CPA	33472-1201	A-BLK	GC	PLR		M	R														SALEABLE		34951-1210	34951-1220		
KEY B, LIGHT GRAY, W/O CPA	33472-1202	B-LG	GC	PLR		M	R															SALEABLE		34951-1210	34951-1220	
KEY C, BROWN, W/O CPA	33472-1203	C-BR	GC	PLR		M	R															NOT RECOMMENDED	SEE P/N 33472-1253	34951-1210	34951-1220	
KEY D, GREEN, W/O CPA	33472-1204	D-GR	GC	PLR		M	R															NOT RECOMMENDED	SEE P/N 33472-1254	34951-1210	34951-1220	
VOID KEY	33472-1205																									
KEY A, BLACK, W/CPA	33472-1206	A-BLK	GC	PLR	CPA	M	R															SALEABLE		34951-1210	34951-1220	
KEY B, LIGHT GRAY, W/CPA	33472-1207	B-LG	GC	PLR	CPA	M	R															SALEABLE		34951-1210	34951-1220	
KEY C, BROWN, W/CPA	33472-1208	C-BR	GC	PLR	CPA	M	R															NOT RECOMMENDED	SEE P/N 33472-1259	34951-1210	34951-1220	
KEY D, GREEN, W/CPA	33472-1209	D-GR	GC	PLR	CPA	M	R															NOT RECOMMENDED	SEE P/N 33472-1260	34951-1210	34951-1220	
VOID KEY	33472-1210																									
KEY A, BLACK, W/O CPA	33472-1211	A-BLK	GC	PLR		M	R							6								SALEABLE		34951-1210	34951-1220	
KEY B, LIGHT GRAY, W/O CPA	33472-1212	B-LG	GC	PLR		M	R							6								SALEABLE		34951-1210	34951-1220	
KEY C, BROWN, W/O CPA	33472-1213	C-BR	GC	PLR		M	R							6								NOT RECOMMENDED		34951-1210	34951-1220	
KEY D, GREEN, W/O CPA	33472-1214	D-GR	GC	PLR		M	R							6								NOT RECOMMENDED		34951-1210	34951-1220	
VOID KEY	33472-1215																									
KEY A, BLACK, W/CPA	33472-1216	A-BLK	GC	PLR	CPA	M	R							6								SALEABLE		34951-1210	34951-1220	
KEY B, LIGHT GRAY, W/CPA	33472-1217	B-LG	GC	PLR	CPA	M	R							6								SALEABLE		34951-1210	34951-1220	
KEY C, BROWN, W/CPA	33472-1218	C-BR	GC	PLR	CPA	M	R							6								NOT RECOMMENDED		34951-1210	34951-1220	
KEY D, GREEN, W/CPA	33472-1219	D-GR	GC	PLR	CPA	M	R							6								NOT RECOMMENDED		34951-1210	34951-1220	
VOID KEY	33472-1220																									
KEY A, BLACK, W/O CPA	33472-1221	A-BLK	GC	PLR		M	R							6	7							SALEABLE		34951-1210	34951-1220	
KEY B, LIGHT GRAY, W/O CPA	33472-1222	B-LG	GC	PLR		M	R							6	7							SALEABLE		34951-1210	34951-1220	
KEY C, BROWN, W/O CPA	33472-1223	C-BR	GC	PLR		M	R							6	7							NOT RECOMMENDED		34951-1210	34951-1220	
KEY D, GREEN, W/O CPA	33472-1224	D-GR	GC	PLR		M	R							6	7							NOT RECOMMENDED		34951-1210	34951-1220	
VOID KEY	33472-1225																									
KEY A, BLACK, W/CPA	33472-1226	A-BLK	GC	PLR	CPA	M	R							6	7							SALEABLE		34951-1210	34951-1220	
KEY B, LIGHT GRAY, W/CPA	33472-1227	B-LG	GC	PLR	CPA	M	R							6	7							SALEABLE		34951-1210	34951-1220	
KEY C, BROWN, W/CPA	33472-1228	C-BR	GC	PLR	CPA	M	R							6	7							NOT RECOMMENDED		34951-1210	34951-1220	
KEY D, GREEN, W/CPA	33472-1229	D-GR	GC	PLR	CPA	M	R							6	7							NOT RECOMMENDED		34951-1210	34951-1220	
VOID KEY	33472-1230																									
KEY A, BLACK, W/O CPA	33472-1231	A-BLK	GC	PLR		M	R	1						6	7							SALEABLE		34951-1210	34951-1220	
KEY B, LIGHT GRAY, W/O CPA	33472-1232	B-LG	GC	PLR		M	R	1						6	7							SALEABLE		34951-1210	34951-1220	
KEY C, BROWN, W/O CPA	33472-1233	C-BR	GC	PLR		M	R	1						6	7							NOT RECOMMENDED		34951-1210	34951-1220	
KEY D, GREEN, W/O CPA	33472-1234	D-GR	GC	PLR		M	R	1						6	7							NOT RECOMMENDED		34951-1210	34951-1220	
VOID KEY	33472-1235																									
KEY A, BLACK, W/CPA	33472-1236	A-BLK	GC	PLR	CPA	M	R	1						6	7							SALEABLE		34951-1210	34951-1220	
KEY B, LIGHT GRAY, W/CPA	33472-1237	B-LG	GC	PLR	CPA	M	R	1						6	7							SALEABLE		34951-1210	34951-1220	
KEY C, BROWN, W/CPA	33472-1238	C-BR	GC	PLR	CPA	M	R	1						6	7							NOT RECOMMENDED		34951-1210	34951-1220	
KEY D, GREEN, W/CPA	33472-1239	D-GR	GC	PLR	CPA	M	R	1						6	7							NOT RECOMMENDED		34951-1210	34951-1220	
VOID KEY	33472-1240																									
KEY A, BLACK, W/O CPA	33472-1241	A-BLK	GC	PLR		M	R	1						6	7							SALEABLE		34951-1210	34951-1220	
KEY B, LIGHT GRAY, W/O CPA	33472-1242	B-LG	GC	PLR		M	R	1						6	7							SALEABLE		34951-1210	34951-1220	
KEY C, BROWN, W/O CPA	33472-1243	C-BR	GC	PLR		M	R	1						6	7							NOT RECOMMENDED		34951-1210	34951-1220	
KEY D, GREEN, W/O CPA	33472-1244	D-GR	GC	PLR		M	R	1						6	7							NOT RECOMMENDED		34951-1210	34951-1220	
VOID KEY	33472-1245																									
KEY A, BLACK, W/CPA	33472-1246	A-BLK	GC	PLR	CPA	M	R	1						6	7							SALEABLE		34951-1210	34951-1220	
KEY B, LIGHT GRAY, W/CPA	33472-1247	B-LG	GC	PLR	CPA	M	R	1						6	7							SALEABLE		34951-1210	34951-1220	
KEY C, BROWN, W/CPA	33472-1248	C-BR	GC	PLR	CPA	M	R	1						6	7							NOT RECOMMENDED		34951-1210	34951-1220	
KEY D, GREEN, W/CPA	33472-1249	D-GR	GC	PLR	CPA	M	R	1						6	7							NOT RECOMMENDED		34951-1210	34951-1220	
VOID KEY	33472-1250																									
KEY A, BLACK, W/O CPA	33472-1251	A-BLK	GC	PLR		M	R							6								SALEABLE		34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1252	A-BLK	GC	PLR	CPA	M	R														9	10			34951-1210	34951-1220
KEY C, DARK GRAY, W/O CPA	33472-1253	C-DG	GC	PLR		M	R																		34951-1210	34951-1220
KEY D, STONE GRAY, W/O CPA	33472-1254	D-SG	GC	PLR		M	R																		34951-1210	34951-1220
KEY A, BLACK, W/CPA	33472-1255	A-BLK	GC	PLR	CPA	M	R														11				34951-1210	34951-1220
KEY A, BLACK, W/CPA	33472-1256	A-BLK	GC	PLR	CPA	M	R														9	10	11	12	34951-1210	34951-1220
KEY A, BLACK, W/O CPA	33472-1257	A-BLK	GC	PLR		M	R														8				34951-1210	34951-1220
KEY A, BLACK, W/O CPA	33472-1258	A-BLK	GC	PLR		M	R	1	2	3	4	5	6	7	8	9	10	11	12					34951-1210	34951-1220	
KEY C, DARK GRAY, W/CPA	33472-1259	C-DG	GC	PLR	CPA	M	R																		34951-1210	34951-1220
KEY D, STONE GRAY, W/CPA	33472-1260	D-SG	GC	PLR	CPA	M	R																		34951-1210	34951-1220
KEY A, BLACK, W/O CPA	33472-1261	A-BLK	GC	PLR		M	R														9	10		12	34951-1210	34951-1220

MX150 RECEPTACLE 2X6 SEALED ASSEMBLY MAT SEAL  
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS												STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY				
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION														BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS			
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6	7	8	9	10	11	12							
KEY A, BLACK, W/CPA	33472-1262	A-BLK	GC	PLR	CPA	M	R								8	9	10	11	12	SALEABLE			34951-1210	34951-1220		
KEY B, LIGHT GRAY, W/CPA	33472-1263	B-LG	GC	PLR	CPA	M	R													12	SALEABLE			34951-1210	34951-1220	
KEY C, DARK GRAY, W/CPA	33472-1264	C-DG	GC	PLR	CPA	M	R												11	12	SALEABLE			34951-1210	34951-1220	
KEY D, STONE GRAY, W/CPA	33472-1265	D-SG	GC	PLR	CPA	M	R													12	SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1266	A-BLK	GC	PLR	CPA	M	R												11	12	SALEABLE			34951-1210	34951-1220	
KEY D, STONE GRAY, W/CPA	33472-1267	D-SG	GC	PLR	CPA	M	R	1						6	7						SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1268	A-BLK	GC	PLR	CPA	M	R	1						7							SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1269	A-BLK	GC	PLR	CPA	M	R	1	2			4		6	7	8			10	11	12	SALEABLE			34951-1210	34951-1220
KEY A, BLACK, W/CPA	33472-1270	A-BLK	GC	PLR	CPA	M	R							7							SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1271	A-BLK	GC	PLR	CPA	M	R					4		6					10	11	12	SALEABLE			34951-1210	34951-1220
KEY A, BLACK, W/CPA	33472-1272	A-BLK	GC	PLR	CPA	M	R							6		9	10	11	12		SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/O CPA	33472-1273	A-BLK	GC	PLR		M	R							6		9	10	11	12		SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1274	A-BLK	GC	PLR	CPA	M	R							6					11	12	SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/O CPA	33472-1275	A-BLK	GC	PLR		M	R	1	2	3	4	5		6	8						SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/O CPA	33472-1276	A-BLK	GC	PLR		M	R	1						6							SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/O CPA	33472-1277	A-BLK	GC	PLR		M	R	1								7					SALEABLE			34951-1210	34951-1220	
KEY B, LIGHT GRAY, W/CPA	33472-1278	B-LG	GC	PLR	CPA	M	R												10	11	12	SALEABLE			34951-1210	34951-1220
KEY A, BLACK, W/O CPA	33472-1279	A-BLK	GC	PLR		M	R								7					11	SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/O CPA	33472-1280	A-BLK	GC	PLR		M	R		2												SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/O CPA	33472-1281	A-BLK	GC	PLR		M	R	1				4									SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1282	A-BLK	GC	PLR	CPA	M	R	1	2					6	7	8					SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1283	A-BLK	GC	PLR	CPA	M	R	1						6	7						SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1284	A-BLK	GC	PLR	CPA	M	R	1	2	3	4	5	6	8							SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1285	A-BLK	GC	PLR	CPA	M	R	1						6							SALEABLE			34951-1210	34951-1220	
KEY C, DARK GRAY, W/CPA	33472-1286	C-DG	GC	PLR	CPA	M	R	1						6	7						SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1287	A-BLK	GC	PLR	CPA	M	R												10	11	12	SALEABLE			34951-1210	34951-1220
KEY C, DARK GRAY, W/CPA	33472-1288	C-DG	GC	PLR	CPA	M	R														SALEABLE			34951-1210	34951-1220	
KEY C, DARK GRAY, W/CPA	33472-1289	C-DG	GC	PLR	CPA	M	R														SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1290	A-BLK	GC	PLR	CPA	M	R														SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1291	A-BLK	GC	PLR	CPA	M	R	1					5	6	7	8					SALEABLE			34951-1210	34951-1220	
KEY A, YELLOW, W/CPA	33472-1292	A-YW	GC	PLR	CPA	M	R														SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1293	A-BLK	GC	PLR	CPA	M	R	1													SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1294	A-BLK	GC	PLR	CPA	M	R					4			7	8					SALEABLE			34951-1210	34951-1220	
KEY D, STONE GRAY, W/CPA	33472-1295	D-SG	GC	PLR	CPA	M	R														SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1296	A-BLK	GC	PLR	CPA	M	R									8	9	10	11	12	SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1297	A-BLK	GC	PLR	CPA	M	R	1	2	3	4	5	6			9	10	11	12		SALEABLE			34951-1210	34951-1220	
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1301	A-BLK-CLIP	GC	PLR		M	R														SALEABLE					
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-1302	B-LG-CLIP	GC	PLR		M	R														SALEABLE					
KEY C, BROWN, WITH CLIPSLOT, W/O CPA	33472-1303	C-BR-CLIP	GC	PLR		M	R														NOT RECOMMENDED	SEE P/N 33472-1407				
KEY D, GREEN, WITH CLIPSLOT, W/O CPA	33472-1304	D-GR-CLIP	GC	PLR		M	R														NOT RECOMMENDED	SEE P/N 33472-1408				
VOID KEY	33472-1305																									
KEY A, BLACK, WITH CLIPSLOT, W/CPA	33472-1306	A-BLK-CLIP	GC	PLR	CPA	M	R														SALEABLE					
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/CPA	33472-1307	B-LG-CLIP	GC	PLR	CPA	M	R														SALEABLE					
KEY C, BROWN, WITH CLIPSLOT, W/CPA	33472-1308	C-BR-CLIP	GC	PLR	CPA	M	R														NOT RECOMMENDED	SEE P/N 33472-1409				
KEY D, GREEN, WITH CLIPSLOT, W/CPA	33472-1309	D-GR-CLIP	GC	PLR	CPA	M	R														NOT RECOMMENDED	SEE P/N 33472-1410				
VOID KEY	33472-1310																									
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1311	A-BLK-CLIP	GC	PLR		M	R	1	2	3	4	5	6	7	8	9	10	11	12		SALEABLE					
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-1312	B-LG-CLIP	GC	PLR		M	R	1	2	3	4	5	6	7	8	9	10	11	12		SALEABLE					
KEY C, BROWN, WITH CLIPSLOT, W/O CPA	33472-1313	C-BR-CLIP	GC	PLR		M	R	1	2	3	4	5	6	7	8	9	10	11	12		NOT RECOMMENDED	SEE P/N 33472-1411				
KEY D, GREEN, WITH CLIPSLOT, W/O CPA	33472-1314	D-GR-CLIP	GC	PLR		M	R	1	2	3	4	5	6	7	8	9	10	11	12		NOT RECOMMENDED	SEE P/N 33472-1412				
VOID KEY	33472-1315																									
KEY A, BLACK, WITH CLIPSLOT, W/CPA	33472-1316	A-BLK-CLIP	GC	PLR	CPA	M	R	1	2	3	4	5	6	7	8	9	10	11	12		SALEABLE					
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/CPA	33472-1317	B-LG-CLIP	GC	PLR	CPA	M	R	1	2	3	4	5	6	7	8	9	10	11	12		SALEABLE					
KEY C, BROWN, WITH CLIPSLOT, W/CPA	33472-1318	C-BR-CLIP	GC	PLR	CPA	M	R	1	2	3	4	5	6	7	8	9	10	11	12		NOT RECOMMENDED	SEE P/N 33472-1413				
KEY D, GREEN, WITH CLIPSLOT, W/CPA	33472-1319	D-GR-CLIP	GC	PLR	CPA	M	R	1	2	3	4	5	6	7	8	9	10	11	12		NOT RECOMMENDED	SEE P/N 33472-1414				
VOID KEY	33472-1320																									
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1321	A-BLK-CLIP	GC	PLR		M	R		2	3					8					11	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1322	A-BLK-CLIP	GC	PLR		M	R		2	3			5	6	7	8				11	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1323	A-BLK-CLIP	GC	PLR		M	R							6	7						SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1324	A-BLK-CLIP	GC	PLR		M	R		2	3				6	7	8			10	11	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1325	A-BLK-CLIP	GC	PLR		M	R	1						5	6	7	8				SALEABLE					
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-1326	B-LG-CLIP	GC	PLR		M	R	1						5	6	7	8	9	10		SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1327	A-BLK-CLIP	GC	PLR		M	R														SALEABLE					
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-1328	B-LG-CLIP	GC	PLR		M	R		2											9	10	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1329	A-BLK-CLIP	GC	PLR		M	R										8	9	10	11	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1330	A-BLK-CLIP	GC	PLR		M	R										7	8	9	10	11	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1331	A-BLK-CLIP	GC	PLR		M	R										7	8			SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1332	A-BLK-CLIP	GC	PLR		M	R		2											9	10	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1333	A-BLK-CLIP	GC	PLR		M	R		2			4									SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/CPA	33472-1334	A-BLK-CLIP	GC	PLR	CPA	M	R													9	10	11	12	SALEABLE		

MX150 RECEPTACLE 2X6 SEALED ASSEMBLY MAT SEAL  
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS												STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY		
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION														BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS	
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6	7	8	9	10	11	12					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1354	A-BLK-CLIP	GC	PLR	M	R	1	2	3	4	5			8	9	10	11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1355	A-BLK-CLIP	GC	PLR	M	R	1	2	3	4	5							12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1356	A-BLK-CLIP	GC	PLR	M	R			3	4	5								SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1357	A-BLK-CLIP	GC	PLR	M	R			3	4	5	6	7	8	9	10	11		SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1358	A-BLK-CLIP	GC	PLR	M	R		2	3					8	9	10	11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/CPA	33472-1359	A-BLK-CLIP	GC	PLR	CPA	M	R				5			8	9		11		SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1360	A-BLK-CLIP	GC	PLR	M	R		2	3					8	9				SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1361	A-BLK-CLIP	GC	PLR	M	R	1	2	3								11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1362	A-BLK-CLIP	GC	PLR	M	R	1	2	3	4		6		8		10	11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1363	A-BLK-CLIP	GC	PLR	M	R		2		4		6		8		10	11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1364	A-BLK-CLIP	GC	PLR	M	R											11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1365	A-BLK-CLIP	GC	PLR	M	R	1	2	3	4	5	6			9				SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1366	A-BLK-CLIP	GC	PLR	M	R						6		9					SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1367	A-BLK-CLIP	GC	PLR	M	R		2					7	8	9				SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1368	A-BLK-CLIP	GC	PLR	M	R			3	4	5	6	7						SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1369	A-BLK-CLIP	GC	PLR	M	R	1	2	3	4	5	6	7					12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1370	A-BLK-CLIP	GC	PLR	M	R	1	2	3	4	5		7	8	9	10	11		SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1371	A-BLK-CLIP	GC	PLR	M	R		2		4		6		8		10	11		SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1372	A-BLK-CLIP	GC	PLR	M	R													SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1373	A-BLK-CLIP	GC	PLR	M	R	1		3	4	5	6	7	8		10	11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1374	A-BLK-CLIP	GC	PLR	M	R						6			9	10	11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1375	A-BLK-CLIP	GC	PLR	M	R												12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1376	A-BLK-CLIP	GC	PLR	M	R						6						12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1377	A-BLK-CLIP	GC	PLR	M	R	1	2			5	6	7	8			11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1378	A-BLK-CLIP	GC	PLR	M	R									9				SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1379	A-BLK-CLIP	GC	PLR	M	R			3	4				9	10	11	12	SALEABLE						
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1380	A-BLK-CLIP	GC	PLR	M	R	1	2	3	4	5	6	7	8	9			12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1381	A-BLK-CLIP	GC	PLR	M	R	1	2			5	6	7	8					SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1382	A-BLK-CLIP	GC	PLR	M	R				4						10			SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1383	A-BLK-CLIP	GC	PLR	M	R	1	2	3	4	5	6			9	10	11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1384	A-BLK-CLIP	GC	PLR	M	R	1		4							11			SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1385	A-BLK-CLIP	GC	PLR	M	R									9	10	11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1386	A-BLK-CLIP	GC	PLR	M	R	1	2	3	4	5	6	7	8				12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1387	A-BLK-CLIP	GC	PLR	M	R	1	2				6	7	8				12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1388	A-BLK-CLIP	GC	PLR	M	R	1	2					7	8				12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1389	A-BLK-CLIP	GC	PLR	M	R	1					6	7	8				12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1390	A-BLK-CLIP	GC	PLR	M	R							7	8				12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1391	A-BLK-CLIP	GC	PLR	M	R		2		4			7	8	9	10			SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1392	A-BLK-CLIP	GC	PLR	M	R				3		5	6	7	8	9	10	11	12	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1393	A-BLK-CLIP	GC	PLR	M	R			3				7	8	9	10	11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1394	A-BLK-CLIP	GC	PLR	M	R										10	11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1395	A-BLK-CLIP	GC	PLR	M	R	1	2	3	4		6	7	8	9	10	11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1396	A-BLK-CLIP	GC	PLR	M	R	1	2	3	4			7	8	9	10			SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1397	A-BLK-CLIP	GC	PLR	M	R						6		8	9	10	11	12	SALEABLE					
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-1398	B-LG-CLIP	GC	PLR	M	R										10	11	12	SALEABLE					
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-1399	B-LG-CLIP	GC	PLR	M	R						6	7			10	11	12	SALEABLE					
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-1400	B-LG-CLIP	GC	PLR	M	R	1	2	3	4	5	6	7			10	11	12	SALEABLE					
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-1401	B-LG-CLIP	GC	PLR	M	R	1	2	3	4	5	6			9	10	11	12	SALEABLE					
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-1402	B-LG-CLIP	GC	PLR	M	R											11	12	SALEABLE					
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-1403	B-LG-CLIP	GC	PLR	M	R						5	6		9	10	11	12	SALEABLE					
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-1404	B-LG-CLIP	GC	PLR	M	R					5	6			9	10	11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1405	A-BLK-CLIP	GC	PLR	M	R								8	9	10	11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1406	A-BLK-CLIP	GC	PLR	M	R								8	9		11		SALEABLE					
KEY C, DARK GRAY, WITH CLIPSLOT, W/O CPA	33472-1407	C-DG-CLIP	GC	PLR	M	R													SALEABLE					
KEY D, STONE GRAY, WITH CLIPSLOT, W/O CPA	33472-1408	D-SG-CLIP	GC	PLR	M	R													SALEABLE					
KEY C, DARK GRAY, WITH CLIPSLOT, W/CPA	33472-1409	C-DG-CLIP	GC	PLR	CPA	M	R												SALEABLE					
KEY D, STONE GRAY, WITH CLIPSLOT, W/CPA	33472-1410	D-SG-CLIP	GC	PLR	CPA	M	R												SALEABLE					
KEY C, DARK GRAY, WITH CLIPSLOT, W/O CPA	33472-1411	C-DG-CLIP	GC	PLR	M	R	1	2	3	4	5	6	7	8	9	10	11	12	SALEABLE					
KEY D, STONE GRAY, WITH CLIPSLOT, W/O CPA	33472-1412	D-SG-CLIP	GC	PLR	M	R	1	2	3	4	5	6	7	8	9	10	11	12	SALEABLE					
KEY C, DARK GRAY, WITH CLIPSLOT, W/CPA	33472-1413	C-DG-CLIP	GC	PLR	CPA	M	R	1	2	3	4	5	6	7	8	9	10	11	12	SALEABLE				
KEY D, STONE GRAY, WITH CLIPSLOT, W/CPA	33472-1414	D-SG-CLIP	GC	PLR	CPA	M	R	1	2	3	4	5	6	7	8	9	10	11	12	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1415	A-BLK-CLIP	GC	PLR	M	R	1	2	3					8	9	10	11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1416	A-BLK-CLIP	GC	PLR	M	R				3		5	6	7	8	9	10	11	12	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1417	A-BLK-CLIP	GC	PLR	M	R		2	3				6	7	8	9	10	11	12	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1418	A-BLK-CLIP	GC	PLR	M	R				3	4	5	6	7	8	9	10	11	12	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1419	A-BLK-CLIP	GC	PLR	M	R								8	9				SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1420	A-BLK-CLIP	GC	PLR	M	R				3	4	5	6	7	8	9	10	11	12	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1421	A-BLK-CLIP	GC	PLR	M	R	1	2											SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1422	A-BLK-CLIP	GC	PLR	M	R	1	2	3	4	5	6	7	8					SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1423	A-BLK-CLIP	GC	PLR	M	R	1	2	3	4	5	6	7	8	9				SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1424	A-BLK-CLIP	GC	PLR	M	R	1	2	3			6	7	8		10	11	12	SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1425	A-BLK-CLIP	GC	PLR	M	R				4						10			SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1426	A-BLK-CLIP	GC	PLR	M	R	1							8		10	11		SALEABLE					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1427	A-BLK-CLIP	GC	PLR	M	R	1	2			5	6							NOT RECOMMENDED	SEE P/N 33472-1433				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1428	A-BLK-CLIP	GC	PLR	M	R				3	4								NOT RECOMMENDED	SEE P/N 33472-1434				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1429																							



MX150 RECEPTACLE 2X6 SEALED ASSEMBLY MAT SEAL  
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS												STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION														BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6	7	8	9	10	11	12				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1534	A-BLK-CLIP	GC	PLR		M	R		2	3					9				SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1535	A-BLK-CLIP	GC	PLR		M	R							8		10	11		SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1536	A-BLK-CLIP	GC	PLR		M	R	1		3		5		8		10	11		SALEABLE				



MX150 RECEPTACLE 2X8 SEALED ASSEMBLY MAT SEAL  
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS																STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY					
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS				
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16								
KEY B, LIGHT GRAY, W/O CPA	33472-1669	B-LG	GC	PLR		M	R											8			12	13	14	15	16	SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1670	B-LG	GC	PLR		M	R											8				13	14	15	16	SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1671	B-LG	GC	PLR		M	R													10	11					SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1672	B-LG	GC	PLR		M	R													10	11	12				SALEABLE					
KEY A, BLACK, W/CPA	33472-1673	A-BLK	GC	PLR	CPA	M	R													10	11		13	14	15	16	SALEABLE				
KEY B, LIGHT GRAY, W/O CPA	33472-1674	B-LG	GC	PLR		M	R															12				SALEABLE					
KEY A, BLACK, W/CPA	33472-1675	A-BLK	GC	PLR	CPA	M	R																	15	16	SALEABLE					
KEY A, BLACK, W/CPA	33472-1676	A-BLK	GC	PLR	CPA	M	R							8	9	10	11	12								SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1677	B-LG	GC	PLR		M	R					4												14	15	16	SALEABLE				
KEY A, BLACK, W/O CPA	33472-1678	A-BLK	GC	PLR		M	R							5												SALEABLE					
KEY A, BLACK, W/O CPA	33472-1679	A-BLK	GC	PLR		M	R							5											16	SALEABLE					
KEY A, BLACK, W/CPA	33472-1680	A-BLK	GC	PLR	CPA	M	R																			SALEABLE					
KEY A, BLACK, W/O CPA	33472-1681	A-BLK	GC	PLR		M	R																			SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1682	B-LG	GC	PLR		M	R					4														SALEABLE					
KEY A, BLACK, W/O CPA	33472-1683	A-BLK	GC	PLR		M	R																			SALEABLE					
KEY A, BLACK, W/O CPA	33472-1684	A-BLK	GC	PLR		M	R					4														SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1685	B-LG	GC	PLR		M	R															12				SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1686	B-LG	GC	PLR		M	R					4												14	16	SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1687	B-LG	GC	PLR		M	R																			SALEABLE					
KEY A, BLACK, W/O CPA	33472-1688	A-BLK	GC	PLR		M	R			2																SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1689	B-LG	GC	PLR		M	R			2		4														SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1690	B-LG	GC	PLR		M	R			2																SALEABLE					
KEY A, BLACK, W/O CPA	33472-1691	A-BLK	GC	PLR		M	R			2		4														SALEABLE					
KEY A, BLACK, W/O CPA	33472-1692	A-BLK	GC	PLR		M	R					4						8				12				SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1693	B-LG	GC	PLR		M	R					4						8						14		SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1694	B-LG	GC	PLR		M	R											8								SALEABLE					
KEY A, BLACK, W/O CPA	33472-1695	A-BLK	GC	PLR		M	R			2								8								SALEABLE					
NOT AVAILABLE	33472-1696																														
NOT AVAILABLE	33472-1697																														
NOT AVAILABLE	33472-1698																														
NOT AVAILABLE	33472-1699																														
NOT AVAILABLE	33472-1700																														
KEY A, BLACK, W/O CPA	33472-1701	A-BLK	GC	PLR		M	R			2		4						8				12				SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1702	B-LG	GC	PLR		M	R			2		4						8				12				SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1703	B-LG	GC	PLR		M	R			2								8								SALEABLE					
KEY A, BLACK, W/O CPA	33472-1704	A-BLK	GC	PLR		M	R			2		4														SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1705	B-LG	GC	PLR		M	R			2		4														SALEABLE					
KEY A, BLACK, W/O CPA	33472-1706	A-BLK	GC	PLR		M	R			2							6					10		13	14	15	16	SALEABLE			
KEY A, BLACK, W/O CPA	33472-1707	A-BLK	GC	PLR		M	R			2							6									SALEABLE					
KEY A, BLACK, W/O CPA	33472-1708	A-BLK	GC	PLR		M	R			2							6									SALEABLE					
KEY A, BLACK, W/O CPA	33472-1709	A-BLK	GC	PLR		M	R					4														SALEABLE					
KEY A, BLACK, W/O CPA	33472-1710	A-BLK	GC	PLR		M	R			2							6									SALEABLE					
KEY A, BLACK, W/O CPA	33472-1711	A-BLK	GC	PLR		M	R			2							6									SALEABLE					
KEY A, BLACK, W/CPA	33472-1712	A-BLK	GC	PLR	CPA	M	R					5	6	7	8											SALEABLE					
KEY A, BLACK, W/CPA	33472-1713	A-BLK	GC	PLR	CPA	M	R					5	6	7	8							11	12	13	14	SALEABLE					
KEY A, BLACK, W/CPA	33472-1714	A-BLK	GC	PLR	CPA	M	R					5	6	7	8											SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1715	B-LG	GC	PLR	CPA	M	R		1	2	3	4	5	6	7	8										SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1716	B-LG	GC	PLR	CPA	M	R		1		3	4	5	6	7	8										SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1717	B-LG	GC	PLR	CPA	M	R		1		3	4	5	6	7	8										SALEABLE					
KEY A, BLACK, W/CPA	33472-1718	A-BLK	GC	PLR	CPA	M	R					5	6	7	8											SALEABLE					
KEY A, BLACK, W/CPA	33472-1719	A-BLK	GC	PLR	CPA	M	R					4	5	6	7	8										SALEABLE					
KEY A, BLACK, W/CPA	33472-1720	A-BLK	GC	PLR	CPA	M	R					3	4	5	6	7	8									SALEABLE					
KEY A, BLACK, W/CPA	33472-1721	A-BLK	GC	PLR	CPA	M	R																			SALEABLE					
KEY A, BLACK, W/CPA	33472-1722	A-BLK	GC	PLR	CPA	M	R		1	2	3	4	5	6	7	8										SALEABLE					
KEY A, BLACK, W/CPA	33472-1723	A-BLK	GC	PLR	CPA	M	R																			SALEABLE					
KEY A, BLACK, W/CPA	33472-1724	A-BLK	GC	PLR	CPA	M	R																			SALEABLE					
KEY A, BLACK, W/CPA	33472-1725	A-BLK	GC	PLR	CPA	M	R																			SALEABLE					
KEY A, BLACK, W/CPA	33472-1726	A-BLK	GC	PLR	CPA	M	R																			SALEABLE					
KEY A, BLACK, W/CPA	33472-1727	A-BLK	GC	PLR	CPA	M	R																			SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1728	B-LG	GC	PLR	CPA	M	R					4	5	6	7	8										SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1729	B-LG	GC	PLR	CPA	M	R		1	2	3	4	5	6	7	8										SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1730	B-LG	GC	PLR	CPA	M	R			2		4	5	6	7	8										SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1731	B-LG	GC	PLR	CPA	M	R					4	5	6	7	8										SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1732	B-LG	GC	PLR	CPA	M	R			2		4	5	6	7	8										SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1733	B-LG	GC	PLR	CPA	M	R																			SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1734	B-LG	GC	PLR	CPA	M	R																			SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1735	B-LG	GC	PLR	CPA	M	R					2	3	4	5	6	7	8								SALEABLE					
KEY A, BLACK, W/O CPA	33472-1736	A-BLK	GC	PLR		M	R					2	3	4	5	6	7	8								SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1737	B-LG	GC	PLR	CPA	M	R		1	2	3	4	5	6	7	8										SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1738	B-LG	GC	PLR</																											





MX150 RECEPTACLE 2X8 SEALED ASSEMBLY MAT SEAL  
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS																STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY				
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS			
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16							
KEY B, LIGHT GRAY, W/O CPA	33472-1956	B-LG	GC	PLR		M	R			3															SALEABLE					
KEY A, BLACK, W/O CPA	33472-1957	A-BLK	GC	PLR		M	R	1	2	3	4	5	6	7	8				12	13	14	15	16		SALEABLE					
KEY A, BLACK, W/O CPA	33472-1958	A-BLK	GC	PLR		M	R							7	8						14	15	16		SALEABLE					
KEY A, BLACK, W/O CPA	33472-1959	A-BLK	GC	PLR		M	R									10	11	12	13	14					SALEABLE					
KEY A, BLACK, W/O CPA	33472-1960	A-BLK	GC	PLR		M	R				4		6	8							13	14	15	16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1961	A-BLK	GC	PLR		M	R			3			6	7	8	9	10	11	12	13	14					SALEABLE				
KEY B, LIGHT GRAY, W/O CPA	33472-1962	B-LG	GC	PLR		M	R														13					SALEABLE				





