

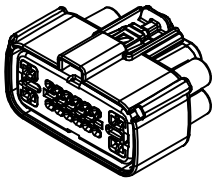
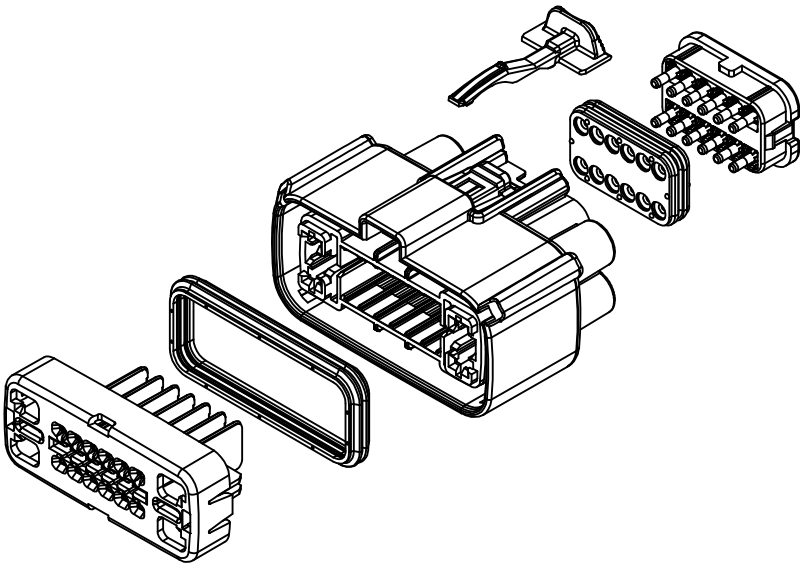
TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONFIGURATIONS
3	KEY CONFIGURATIONS
4	RECEPTACLE CONNECTOR ASSEMBLY

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 4).
- b. PRODUCT SPECIFICATION SEE: PS-33476-000
- 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: QEHS-699000-300
- e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
2. DESIGN - MATERIALS:
- a. SEE BOM TABLE IN SD-34985-8002
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:
- PART NUMBER
  - DAY OF THE YEAR
  - SHIFT
  - YEAR
- FOR ADDITIONAL INFORMATION SEE SECTION 5 UNDER PROCEDURES IN ES-34735-008.

PACKAGING	
DESCRIPTION	DRAWING NO.
W/ CLIPSLOT	PK-30907-895
W/O CLIPSLOT	PK-31300-094

MATING INTERFACE/CONNECTOR DRAWINGS		
DESCRIPTION	INTERFACE DEFINITION	MOLEX INLINE
W/O SHORTING BAR	*999-S-016-2-Z02	SD-34986-8001
W/ SHORTING BAR	N/A	SD-34986-8001

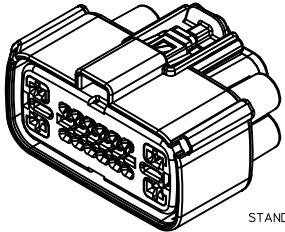


D	REMOVED BOM (REFER TO SD-34985-8002)
C	NEW P/N 34985-4026 THRU 4028
B	NEW P/N 34985-4023 THRU 4025
A2	UPDATED PACKAGING DWGS
A1	FIXED TYPO IN NOTE 1a
A	INITIAL RELEASE

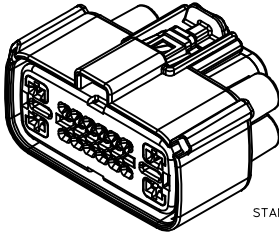
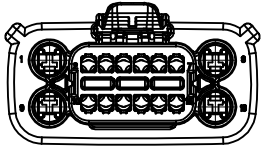
INSPECTION NUMBER LOG
LAST NUMBER: 11
ADDED:
REMOVED:

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		mm INCH		DRAWN BY DATE KCUNNINGHAM 2011/10/27		TITLE MX150 16 WAY HYBRID RECTP SEALED ASSEMBLY					
				CHECKED BY DATE							
		4 PLACES ± --- ± ---		APPROVED BY DATE		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 1 OF 4	
		3 PLACES ± --- ± ---									
		1 PLACE ± 0.1 ± 0.3									
1 PLACE ± 0.3 ±		ANGULAR ± 3 °		SEE NOTE 2a.		SD-34985-8001					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

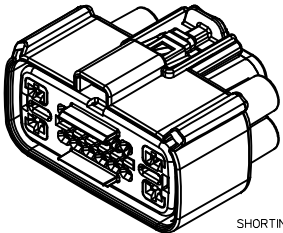
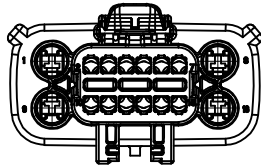
SHEET DESCRIPTION  
CONFIGURATIONS



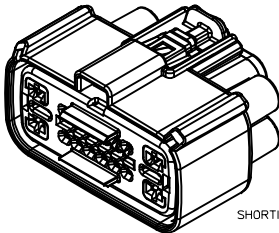
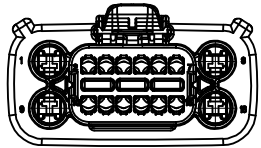
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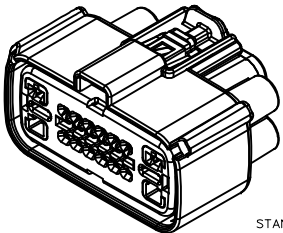
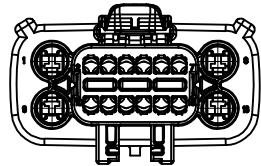
STANDARD (STD) - ALL OPEN 2.8mm CAVITIES  
WITH CLIPSLOT



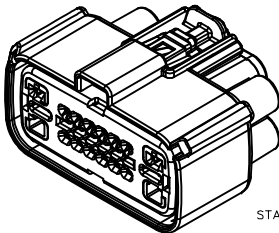
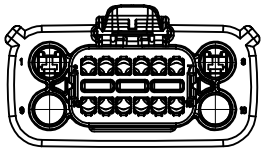
SHORTING (SHRT) BAR - ALL OPEN 2.8mm CAVITIES



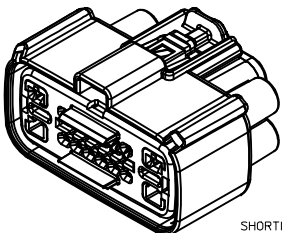
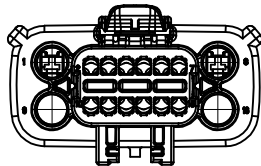
SHORTING (SHRT) BAR - ALL OPEN 2.8mm CAVITIES  
WITH CLIPSLOT



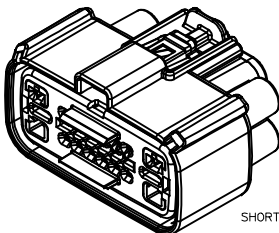
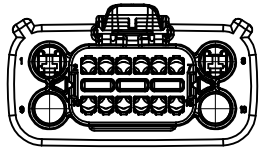
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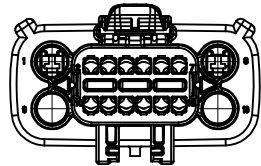
STANDARD (STD) - BLOCKED 2.8mm CAVITIES  
WITH CLIPSLOT




SHORTING (SHRT) BAR - BLOCKED 2.8mm CAVITIES

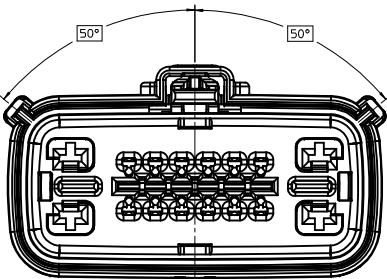


SHORTING (SHRT) BAR - BLOCKED 2.8mm CAVITIES  
WITH CLIPSLOT

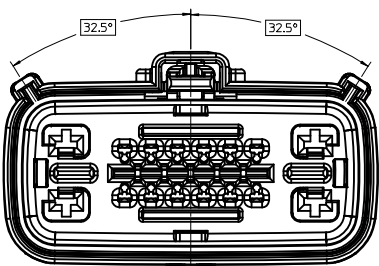


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			DRAWN BY DATE		TITLE		
			KCUUNINGHAM 11/10/27		MX150 16 WAY HYBRID RECT SEALED ASSEMBLY		
			CHECKED BY DATE				
			APPROVED BY DATE				
			MATERIAL NO.		DOCUMENT NO.		
SEE NOTE 2a.		SD-34985-8001		SHEET NO.			
SIZE 1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		2 OF 4			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 3 °					

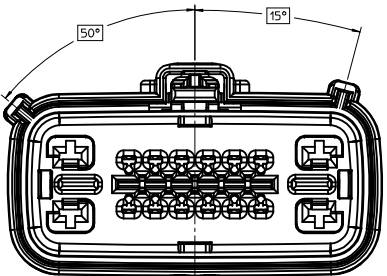
SHEET DESCRIPTION  
KEY CONFIGURATIONS



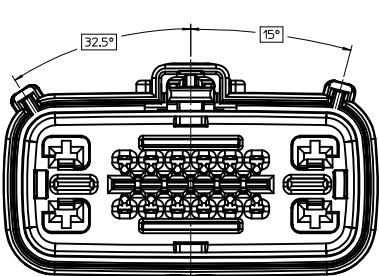
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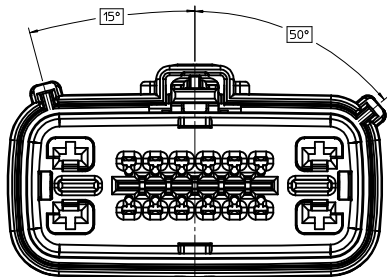
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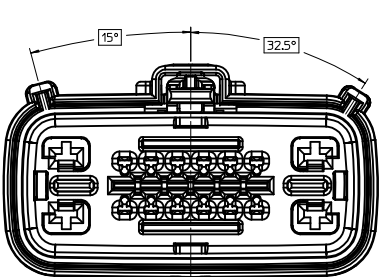
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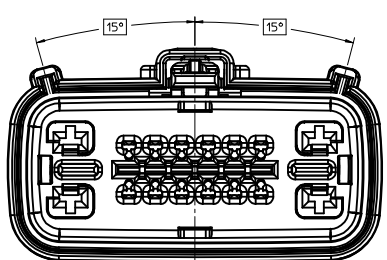
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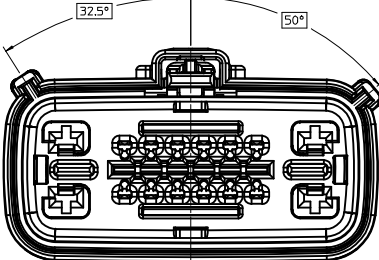
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KEY G



KEY D



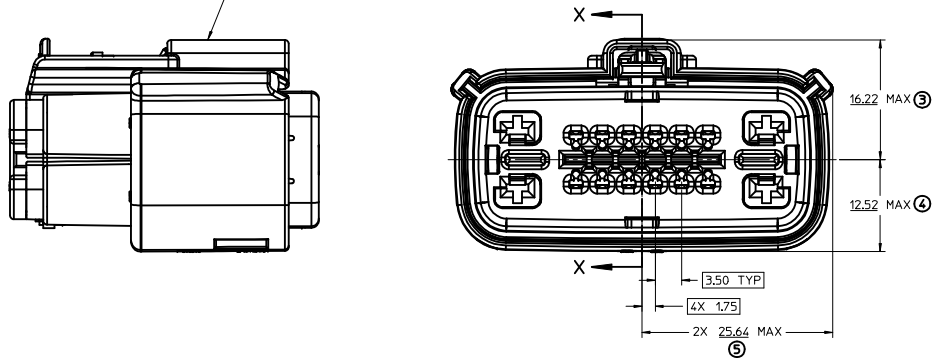
KEY H

ENTER DESCRIPTION EC NO: UAU2015-0529 DRAWN BY: KCUNNINGHAM CHKD: CHYKD APPR: WKOSHY REV	DESCRIPTION 2014/10/09	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
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			3 PLACES	± ---	± ---	CHECKED BY	DATE					
			2 PLACES	± 0.1	± ---	APPROVED BY		DATE				
			1 PLACE	± 0.3	± ---							
			0 PLACE	±	±	MATERIAL NO.		DOCUMENT NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE NOTE 2a.		SD-34985-8001		SHEET NO. 3 OF 4		
						SIZE A1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

## SHEET DESCRIPTION

RECEPTACLE CONNECTOR ASSEMBLY

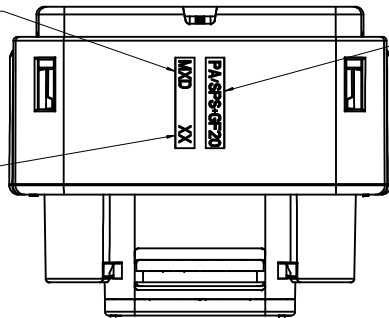
OPTIONAL LASER MARKING ON THIS SURFACE  
SEE NOTE 3g.



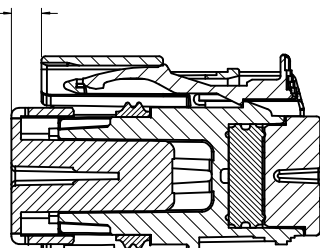
MANUFACTURING LOCATION  
CODE THIS LOCATION

MOLD CAVITY I.D.  
THIS LOCATION

RECYCLE CODE  
THIS LOCATION

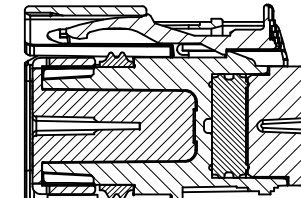


4.00+0.50  
(6)



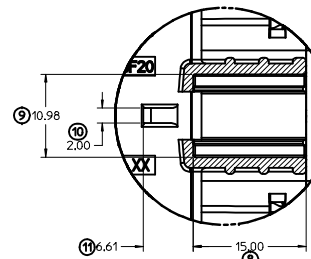
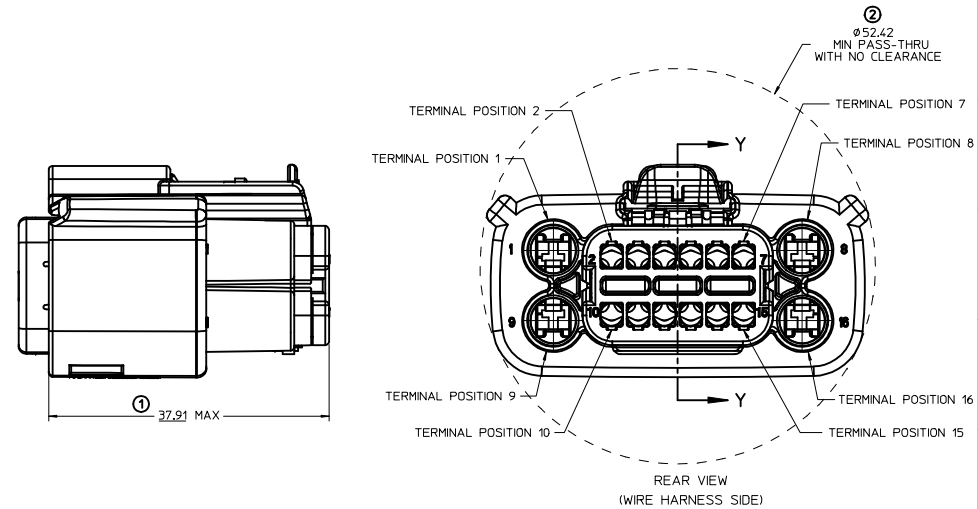
PRIMARY LOCK REINFORCEMENT (PLR) SHOWN  
IN PRE-STAGED POSITION

SECTION X-X

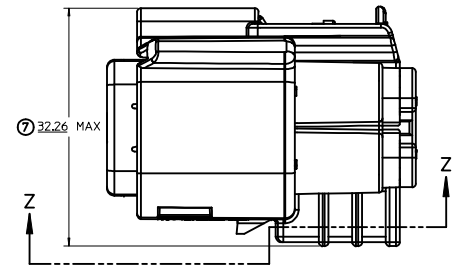



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN  
IN FINAL-LOCK POSITION

SECTION Y-Y



SECTION Z-Z  
SCALE 3:1



ENTER DESCRIPTION EC NO: UAU2015-0529 DRAWN BY: KCUNNINGHAM CHKD: CHYKD APPR: WOSHY D	DESCRIPTION 2011/10/02 2011/10/09	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE MX150 16 WAY HYBRID RECP SEALED ASSEMBLY	
				mm	INCH	DRAWN BY KCUNNINGHAM	DATE 2011/10/27				
				+	+	CHECKED BY	DATE				
				±	±	APPROVED BY	DATE				
				±	±	MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
				±	±	SEE NOTE 2a.		SD-34985-8001			4 OF 4
				±	±	SIZE 1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				±	±						
				±	±						
				±	±						
			ANGULAR ± 3°								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								