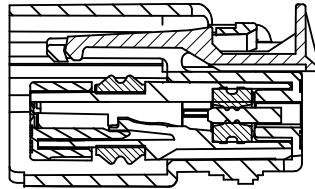
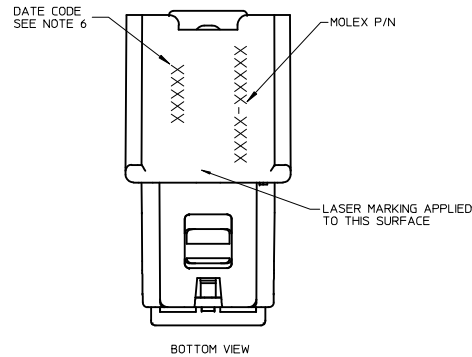


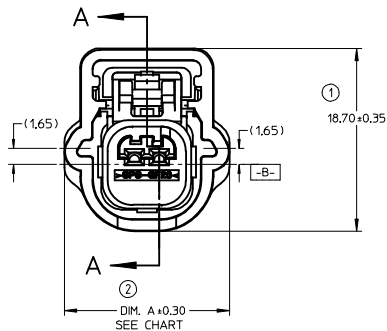
SECTION A-A
TPA SHOWN IN AS-SHIPED
PRE-LOCKED POSITION
SEE NOTE 3



SECTION A-A
TPA SHOWN IN FINAL
LOCKED POSITION

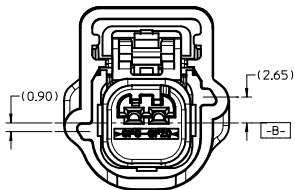


BOTTOM VIEW

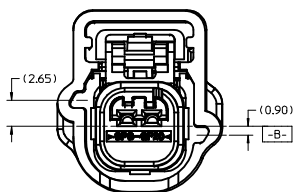


FRONT VIEW

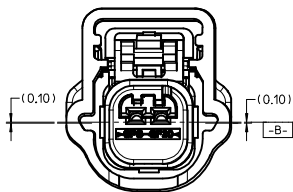
POLARIZATION A



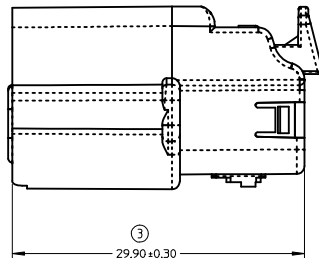
POLARIZATION B



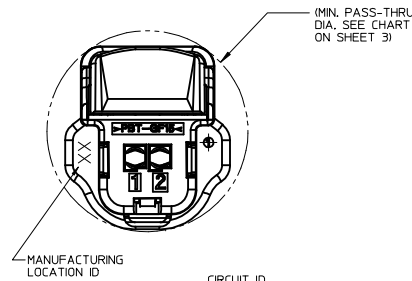
POLARIZATION C



POLARIZATION D



RIGHT SIDE VIEW

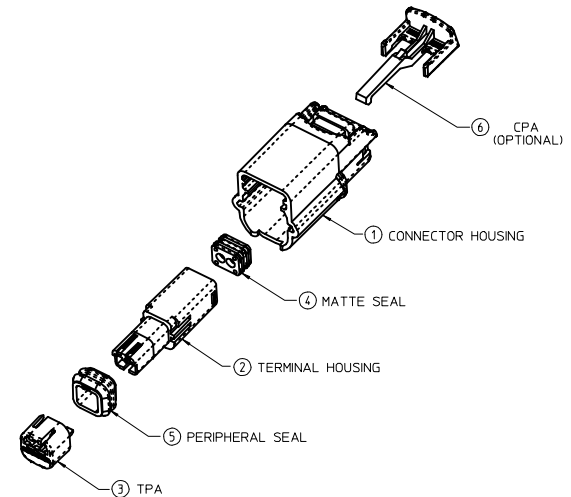


BACK VIEW

CONNECTOR ASSEMBLY WITHOUT CLIPSLOT

PART NUMBER LEGEND CONNECTOR ASSEMBLY

- 3140X-XXXX
- SEAL PLUG CONFIGURATION (AS MOLDED)
0 - ALL CIRCUITS OPEN
1-9 SEE CHART
 - CPA OPTION
0 OR 2 - WITHOUT CPA
1 OR 3 - WITH CPA
4 - WITHOUT CPA, WITH CLIPSLOT
5 - WITH CPA, WITH CLIPSLOT
 - USCAR POLARIZATION OPTION
1 - POLARIZATION OPTION A
2 - POLARIZATION OPTION B
3 - POLARIZATION OPTION C
4 - POLARIZATION OPTION D
5 - POLARIZATION OPTION B, BLACK
6 - POLARIZATION OPTION C, BLACK
7 - POLARIZATION OPTION D, BLACK
8 - POLARIZATION OPTION C, NATURAL
9 - POLARIZATION OPTION D, GRAY
 - CIRCUIT SIZE 2, 3, 4, 5, 6 & 8
 - TERMINAL OPTION
2 - TYCO/MOLEX GET 0.64
3 - MOLEX 0.64
4 - YAZAKI KAIZEN 0.64



ITEM	DESCRIPTION	COLOR
1	CONNECTOR HOUSING	SEE CHART
2	TERMINAL HOUSING	BLACK
3	TPA	NATURAL
4	MATTE SEAL	SEE CHART
5	PERIPHERAL SEAL	SEE CHART
6	CPA - OPTIONAL	RED

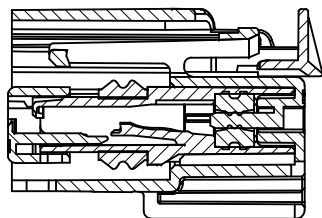
NOTES:

- DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN USCAR DRAWINGS AVAILABLE AT <http://ewcap.uscarteams.org/>.
1X2 064-S-002-1-Z02
1X3 064-S-003-1-Z01
1X4 064-S-004-1-Z02
1X5 064-S-005-1-Z02
1X6 064-S-006-1-Z02
1X8 064-S-008-1-Z02
- ASSEMBLY SHIPPED WITH TPA IN PRE-LOCKED POSITION (SEE SECTION A-A). UPON FULL TERMINAL ASSEMBLY, TPA MUST BE SEATED TO THE FINAL LOCKED POSITION.
- TPA'S MAY BECOME SEATED DURING TRANSIT. IF THIS OCCURS, TPA'S SHOULD BE MOVED TO THE PRE-LOCKED POSITION PRIOR TO FEMALE TERMINAL INSTALLATION. REFERENCE PRODUCT SPECIFICATION: PS-34646-001
- SYSTEM TO BE USED WITH OUTSIDE WIRE DIAMETERS RANGING FROM 1.20MM TO 2.06MM WITHIN RANGE OF:
- SAE 22 AWG TO 18 AWG PER ESB-MIL123-A2
- ISO 0.35MM² TO 0.75MM² PER GMW15626 AND ES-AUST-1A348-AA
- POLARIZATION FEATURE EFFECTIVENESS PER USCAR-2 PARAGRAPH 5.4.4 IS REDUCED WHEN TESTING ALL POLARIZATION OPTIONS: 100N MIN.
- DATE CODE: FIRST TWO DIGITS ARE THE CALENDAR YEAR (EXAMPLE: 04 = 2004), THIRD THROUGH FIFTH DIGIT DAY # OF THE CALENDAR YEAR (EXAMPLE: FEB. 3RD = '034).
- SEE SHEET #2 FOR CONNECTOR ASSEMBLY WITH CLIP SLOT.
- FOR CLIPSLOT CONNECTOR: CLIP OVERHANGS CONNECTOR, PLEASE CHECK APPLICATION (COULD CAUSE WIRE CHAFING)-SHORTER CLIP IS A RECOMMENDATION.

LEC NO: UAU2013-1784 DRAWN BY: CHYK CHKD: APPR: WOSHY REV: J10	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±.005 ±.0005 3 PLACES ±.005 ±.0005 2 PLACES ±.013 ±.0005 1 PLACE ±.03 ±.0005 ANGULAR ± 3°	DIMENSION STYLE MM ONLY DRAWN BY: DATE RCARLSON 2003/09/25 CHECKED BY: DATE RCARLSON 2004/09/28 APPROVED BY: DATE VKOSHY 2010/11/22	SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY	MOLEX INCORPORATED DOCUMENT NO. SD-31402-211	SHEET NO. 1 OF 5

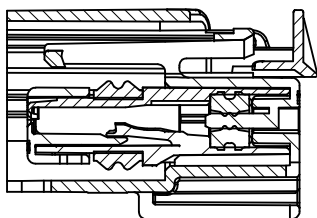
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



SECTION C-C

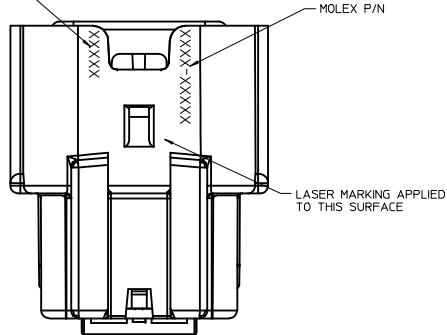
TPA SHOWN IN AS-SHIPPED
PRE-LOCKED POSITION
SEE NOTE 3



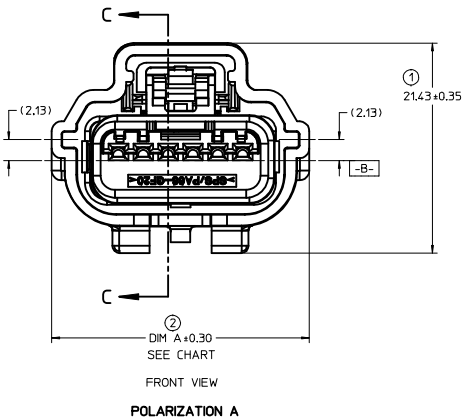
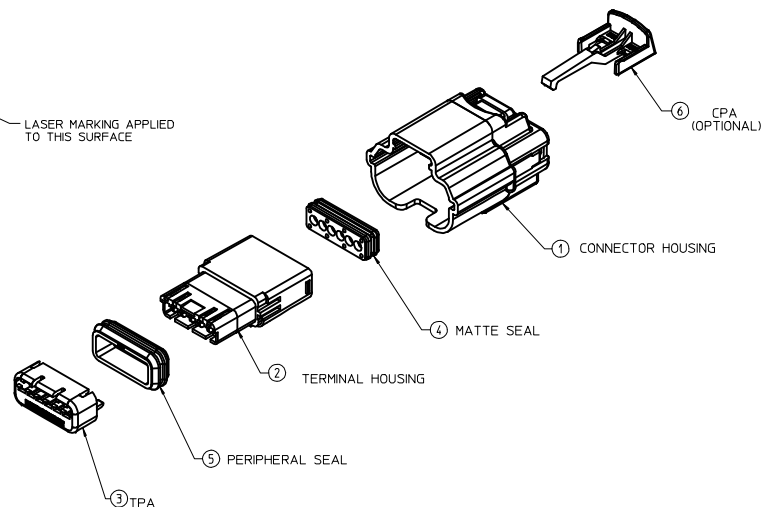
SECTION C-C

TPA SHOWN IN FINAL
LOCKED POSITION

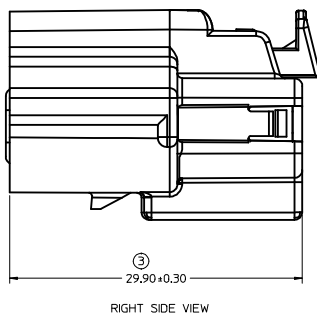
DATE CODE
SEE NOTE 6



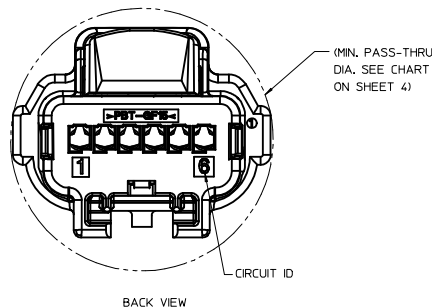
BOTTOM VIEW



POLARIZATION A



RIGHT SIDE VIEW



BACK VIEW

CONNECTOR ASSEMBLY WITH CLIPSLOT

ENTER DESCRIPTION IEC NO: UAU2013-1784 DRAWN BY: CHEN37 CHKD: VKOSHY APPR: VKOSHY REV J10	2013/05/15	2013/06/11	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY RCARLSON	DATE 2003/09/25	TITLE 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY		
	4 PLACES ±			±	±	CHECKED BY RCARLSON	DATE 2004/09/28	MOLEX MOLEX INCORPORATED		
	3 PLACES ±			±	±					
	2 PLACES ± 0.13			±	±	APPROVED BY VKOSHY	DATE 2010/11/22			
	1 PLACE ± 0.3			±	±					
		ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.	SHEET NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE CHART		SD-31402-211		2 OF 5		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

tb_frame_D_P_AM_1
Rev. D 2004/06/28

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PART NUMBER WITHOUT CPA	PART NUMBER WITH CPA	CLIPSLOT OPTION	ROW/ CIRCUITS	KEY*	MATTE SEAL COLOR	PERIMETER SEAL COLOR	CONNECTOR COLOR	WIDTH DIM (A)	MIN. PASS THRU DIA.	FEMALE TERMINAL SUPPLIER	USCAR FOOTPRINT DRAWING NO.	STATUS
31402-5100	31402-5110	NO	1 X 5	A	TBD	TBD	BLACK	23.80	(24.28)	TYCO OR MOLEX GET 0.64	064-S-005-1-Z02	NOT TOOLED
31402-5200	31402-5210			B			GRAY					NOT TOOLED
31402-5300	31402-5310			C			BROWN					NOT TOOLED
31402-5400	31402-5410			D			GREEN					NOT TOOLED
31402-5500	31402-5510			B			BLACK					NOT TOOLED
31402-5600	31402-5610			C			BLACK					NOT TOOLED
31402-5700	31402-5710			D			BLACK					NOT TOOLED
31403-5100	31403-5110			A			BLACK			MOLEX 0.64		NOT TOOLED
31403-5200	31403-5210			B			GRAY					NOT TOOLED
31403-5300	31403-5310			C			BROWN					NOT TOOLED
31403-5400	31403-5410			D			GREEN					NOT TOOLED
31403-5500	31403-5510			B			BLACK					NOT TOOLED
31403-5600	31403-5610			C			BLACK					NOT TOOLED
31403-5700	31403-5710			D			BLACK					NOT TOOLED
31404-5100	31404-5110			A			BLACK			YAZAKI KAIZEN 0.64		NOT TOOLED
31404-5200	31404-5210			B			GRAY					NOT TOOLED
31404-5300	31404-5310			C			BROWN					NOT TOOLED
31404-5400	31404-5410			D			GREEN					NOT TOOLED
31404-5500	31404-5510			B			BLACK					NOT TOOLED
31404-5600	31404-5610			C			BLACK					NOT TOOLED
31404-5700	31404-5710			D			BLACK					NOT TOOLED
31402-6100	31402-6110	NO	1 X 6	A	ROYAL BLUE	LIGHT BLUE	BLACK	26.33	(26.82)	TYCO OR MOLEX GET 0.64	064-S-006-1-Z02	TOOLED
31402-6200	31402-6210			B			GRAY					TOOLED
31402-6300	31402-6310			C			BROWN					TOOLED, COLOR UNAVAILABLE
31402-6400	31402-6410			D			GREEN					TOOLED, COLOR UNAVAILABLE
31402-6500	31402-6510			B			BLACK					TOOLED
31402-6600	31402-6610			C			BLACK					TOOLED
31402-6700	31402-6710			D			BLACK					TOOLED
31403-6100	31403-6110			A			BLACK			MOLEX 0.64		TOOLED
31403-6200	31403-6210			B			GRAY					TOOLED
31403-6300	31403-6310			C			BROWN					TOOLED, COLOR UNAVAILABLE
31403-6400	31403-6410			D			GREEN					TOOLED, COLOR UNAVAILABLE
31403-6500	31403-6510			B			BLACK					TOOLED
31403-6600	31403-6610			C			BLACK					TOOLED
31403-6700	31403-6710			D			BLACK					TOOLED
31404-6100	31404-6110			A			BLACK			YAZAKI KAIZEN 0.64		TOOLED
31404-6200	31404-6210			B			GRAY					TOOLED
31404-6300	31404-6310			C			BROWN					TOOLED, COLOR UNAVAILABLE
31404-6400	31404-6410			D			GREEN					TOOLED, COLOR UNAVAILABLE
31404-6500	31404-6510			B			BLACK					TOOLED
31404-6600	31404-6610			C			BLACK					TOOLED
31404-6700	31404-6710			D			BLACK					TOOLED
31404-6800	31404-6810	C	NATURAL	OK TO TOOL								

EC NO: UAU2013-1784 DRAWN: CHEN37 CHKD: APPR: VKOSHY REV J10	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm		INCH		DRAWN BY RCARLSON		DATE 2003/09/25	
		4 PLACES ± --- ± ---		3 PLACES ± --- ± ---		CHECKED BY RCARLSON		DATE 2004/09/28	
		2 PLACES ± 0.13 ± ---		1 PLACE ± 0.3 ± ---		APPROVED BY VKOSHY		DATE 2010/11/22	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 3 °		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-31402-211		SHEET NO. 4 OF 5	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

PART NUMBER WITHOUT CPA	PART NUMBER WITH CPA	CLIPSLOT OPTION	ROW/ CIRCUITS	KEY*	MATE SEAL COLOR	PERIMETER SEAL COLOR	CONNECTOR COLOR	WIDTH DIM (A)	MIN. PASS THRU DIA.	FEMALE TERMINAL SUPPLIER	USCAR FOOTPRINT DRAWING NO.	STATUS
31402-8100	31402-8110	NO	1 X 8	A	TBD	TBD	BLACK	31.25	(31.90)	TYCO OR MOLEX GET 0.64	064-S-008-1-Z02	NOT TOOLED
31402-8200	31402-8210			B			GRAY					NOT TOOLED
31402-8300	31402-8310			C			BROWN					NOT TOOLED
31402-8400	31402-8410			D			GREEN					NOT TOOLED
31402-8500	31402-8510			B			BLACK					NOT TOOLED
31402-8600	31402-8610			C			BLACK					NOT TOOLED
31402-8700	31402-8710			D			BLACK					NOT TOOLED
31403-8100	31403-8110			A			BLACK			MOLEX 0.64		NOT TOOLED
31403-8200	31403-8210			B			GRAY					NOT TOOLED
31403-8300	31403-8310			C			BROWN					NOT TOOLED
31403-8400	31403-8410			D			GREEN					NOT TOOLED
31403-8500	31403-8510			B			BLACK					NOT TOOLED
31403-8600	31403-8610			C			BLACK					NOT TOOLED
31403-8700	31403-8710			D			BLACK					NOT TOOLED
31404-8100	31404-8110			A			BLACK			YAZAKI KAIZEN 0.64		NOT TOOLED
31404-8200	31404-8210			B			GRAY					NOT TOOLED
31404-8300	31404-8310			C			BROWN					NOT TOOLED
31404-8400	31404-8410			D			GREEN					NOT TOOLED
31404-8500	31404-8510			B			BLACK					NOT TOOLED
31404-8600	31404-8610			C			BLACK					NOT TOOLED
31404-8700	31404-8710			D			BLACK					NOT TOOLED

ADDITIONAL CAVITY PLUG CONFIGURATIONS:

ROW/ CIRCUITS	FEMALE TERMINAL	MOLEX P/N WITH CPA	MOLEX P/N WITHOUT CPA	KEY OPTION	CLIPSLOT OPTION	COLOR	CIRCUIT NUMBER: "0" INDICATED PLUG LOCATION						TOTAL CIRCUITS PLUGGED	STATUS
							1	2	3	4	5	6		
1X6	TYCO/MOLEX GET	31402-6110	31402-6100	A	NO	BLACK							0	TOOLED
		31402-6111	31402-6101	A	NO	BLACK	0	0	0	0	0	0	6	TOOLED
		31402-6112	31402-6102	A	NO	BLACK	0	0					2	TOOLED
		31402-6113	31402-6103	A	NO	BLACK		0					1	TOOLED
		31402-6114	31402-6104	A	NO	BLACK	0	0	0	0			4	TOOLED
		31402-6115	31402-6105	A	NO	BLACK					0	0	3	TOOLED
		31402-6150	31402-6140	A	YES	BLACK							0	TOOLED
		31403-6110	31403-6100	A	NO	BLACK							0	TOOLED
	MOLEX 0.64	31403-6111	31403-6101	A	NO	BLACK	0	0	0	0	0	0	6	TOOLED
		31403-6112	31403-6102	A	NO	BLACK			0				1	TOOLED
		31403-6113	31403-6103	A	NO	BLACK	0	0	0		0		4	TOOLED
	YAZAKI KAIZEN	31404-6110	31404-6100	A	NO	BLACK							0	TOOLED
		31404-6111	31404-6101	A	NO	BLACK	0	0	0	0	0	0	6	TOOLED
		31404-6112	31404-6102	A	NO	BLACK	0		0				2	TOOLED
		31404-6113	31404-6103	A	NO	BLACK	0					0	2	TOOLED
		31404-6116	31404-6106	A	NO	BLACK						0	1	TOOLED
		31404-6117	31404-6107	A	NO	BLACK	0		0			0	3	TOOLED
		31404-6118	31404-6108	A	NO	BLACK	0						1	TOOLED
		31404-6119	31404-6109	A	NO	BLACK			0		0	0	3	TOOLED
		31404-6132	31404-6122	A	NO	BLACK			0				1	TOOLED
		31404-6213	31404-6203	B	NO	GRAY	0					0	2	TOOLED
		31404-6812	31404-6802	C	NO	NATURAL				0	0	0	3	OK TO TOOL

ENTER DESCRIPTION IEC NO. UAU2013-1784 DRAWN BY CHKD: APPR:VKOSHY 2013/05/13 2013/06/11 REV J10	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	
	▽=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.3 ± ---	DRAWN BY RCARLSON CHECKED BY RCARLSON APPROVED BY VKOSHY	DATE 2003/09/25 2004/09/28 2010/11/22	TITLE 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY	
	▽=0	ANGULAR ± 3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	DOCUMENT NO. SD-31402-211	SHEET NO. 5 OF 5