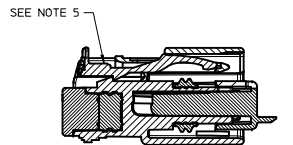
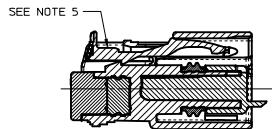


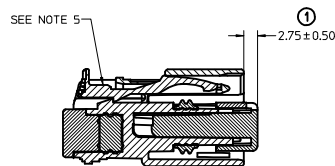
KEY OPTION
SEE TABLE



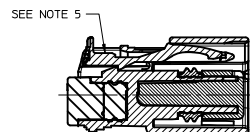
SECTION B-B
(RECEPTACLE INSERT WITH SHORTING BAR
SHOWN IN THE PRE-LOCK POSITION)
SEE NOTE #2



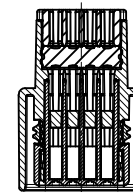
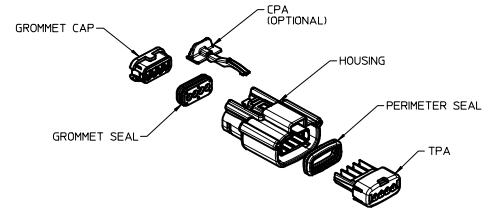
SECTION B-B
(RECEPTACLE INSERT WITH SHORTING BAR
SHOWN IN THE FINAL-LOCK POSITION)
SEE NOTE #2



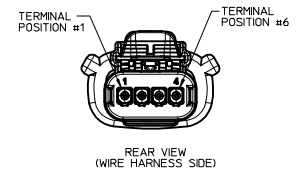
SECTION B-B
(RECEPTACLE INSERT SHOWN
IN THE PRE-LOCK POSITION)
SEE NOTE #2



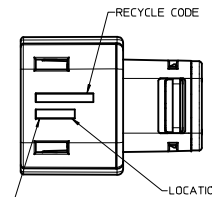
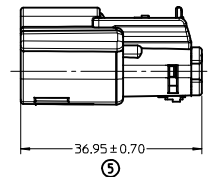
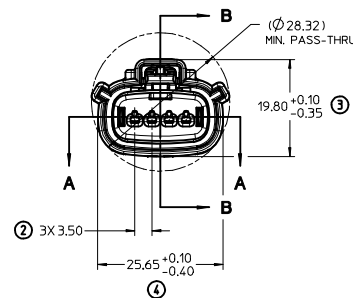
SECTION B-B
(RECEPTACLE INSERT SHOWN
IN THE FINAL-LOCK POSITION)
SEE NOTE #2



SECTION A-A



REAR VIEW
(WIRE HARNESS SIDE)



HOUSING MOLD CAVITY I.D.

NOTES: UNLESS OTHERWISE SPECIFIED

1. DESIGNED TO MATE WITH THE BLADE HOUSING ASSEMBLY SPECIFIED IN MOLEX CHARTED DRAWING SD-33481-041 OR DEVICE CONNECTION AS SPECIFIED IN USCAR DRAWING 150-S-004-1-Z03.
2. ASSEMBLY SHIPPED WITH RECEPTACLE INSERT IN PRE-LOCK POSITION (SEE SECTION B-B PRE-LOCK). UPON FULL TERMINAL ASSEMBLY, EACH RECEPTACLE INSERT MUST BE SNAPPED INTO ITS FINAL-LOCK POSITION.
3. FOR RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY, SEE DRAWING SD-33012-002.
4. SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.5mm TO 2.5mm.
5. OPTIONAL CPA SHOWN IN ALL VIEWS. SEE TABLE FOR SPECIFIC ASSEMBLY OPTION AND NUMBER.
CPA MUST BE INSERTED TO THE PRE-LOCK POSITION, AS SHOWN IN SECTION B-B. WHEN SEATED CORRECTLY, CPA DOES NOT MOVE FREELY.
ENGAGEMENT FORCE TO MOVE CPA FROM PRE-LOCK TO FINAL LOCK POSITION WHEN UNMATED: 40N MIN.
DISENGAGEMENT FORCE TO MOVE CPA FROM FINAL LOCK TO PRE-LOCK POSITION: 3N MIN.
6. MATERIAL: SPS/NYLON BLEND, 20% GLASS FILLED.
7. NOGALES ASSEMBLIES SHALL CONFORM TO PACKAGING SPECIFICATION PK-30907-811.
CHENGDU ASSEMBLIES SHALL CONFORM TO PACKAGING SPECIFICATION PK-31300-635
8. SHALL CONFORM TO PRODUCT SPECIFICATION PS-33471-000.
9. PACKAGING: IN THE EVENT THAT INSERT IS FOUND IN THE SEATED (FINAL LOCK) POSITION, REFER TO MOLEX SPECIFICATION PS-34646-001, AVAILABLE AT WWW.MOLEX.COM.
10. ASSEMBLY CONFORMS TO SAE/USCAR-2 REV 4 WITH THE FOLLOWING EXCEPTIONS:
TERMINAL INSERTION FORCE FOR WIRE SIZE ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 40 NEWTONS.

INSPECTION NUMBER LOG
LAST NUMBER USED: 5
ADDED:
REMOVED:

REDRAWN EC NO: UAU2009-0657 DRAWN: VERZYL 2009/01/07 CHKD: GRFF ITHS 2009/01/12 APPR: VKOSHY 2009/01/13	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		▽=0			DRAWN BY	DATE	TITLE		
		▽=0	mm	INCH	D.GRIFFITHS	05-02-03	MX150 STANDARD CONNECTOR		
			4 PLACES ±	---	CHECKED BY	DATE	RCPT 1 ROW HSG		
			3 PLACES ±	---	D.GRIFFITHS	05-02-03	SEALED, 4 WAY		
			2 PLACES ±	0.10	APPROVED BY	DATE	 MOLEX INCORPORATED		
			1 PLACE ±	0.3	D.GRIFFITHS	05-02-03			
			ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-33471-041		1 OF 2
		SIZE D			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

REDRAWN EC NO. UA/2009-0657 DRAWNS:VZYL CHK'D:GRJF1HS APPR:WOSHY 2009/01/07 2009/01/13	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION															
	= 0 = 0	<table><thead><tr><th></th><th>mm</th><th>INCH</th></tr></thead><tbody><tr><td>4 PLACES</td><td>± .125</td><td>± .005</td></tr><tr><td>3 PLACES</td><td>± .125</td><td>± .005</td></tr><tr><td>2 PLACES</td><td>± .10</td><td>± .004</td></tr><tr><td>1 PLACE</td><td>± .03</td><td>± .001</td></tr></tbody></table>		mm	INCH	4 PLACES	± .125	± .005	3 PLACES	± .125	± .005	2 PLACES	± .10	± .004	1 PLACE	± .03	± .001	DRAWN BY D. GRIFFITHS DATE 05-02-03 CHECKED BY DATE 05-02-03 D. GRIFFITHS DATE 05-02-03 APPROVED BY DATE D. GRIFFITHS DATE 05-02-03		TITLE MX150 STANDARD CONNECTOR RCPT 1 ROW HSG SEALED, 4 WSG			
		mm	INCH																				
	4 PLACES	± .125	± .005																				
	3 PLACES	± .125	± .005																				
2 PLACES	± .10	± .004																					
1 PLACE	± .03	± .001																					
	ANGULAR ± 3 °	MATERIAL NO.		MOLEX INCORPORATED																			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART		DOCUMENT NO. SD-33471-041																			
REV		SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				
			SHEET NO. 2 OF 2																				