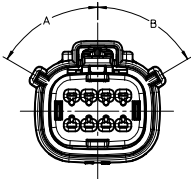
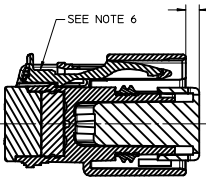


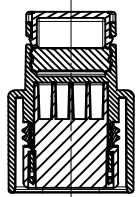
ASSEMBLY PART NUMBER		CPA	COLOR	KEYING OPTION	DIMENSIONS (DEGREES)		CAVITY TYPE & STATUS (X = PLUGGED)							
					A	B	1	2	3	4	5	6	7	8
33472-0801	-	-	BLACK	A	60	60								
33472-0802	-	-	LT. GRAY	B	60	25								
33472-0803	-	-	BROWN	C	25	60								
33472-0804	-	-	GREEN	D	25	25								
33472-0805	-	-	BLACK	D	25	25								
33472-0806	YES	YES	BLACK	A	60	60								
33472-0807	YES	YES	LT. GRAY	B	60	25								
33472-0808	YES	YES	BROWN	C	25	60								
33472-0809	YES	YES	GREEN	D	25	25								
33472-0810	YES	YES	CUSTOM	TBD										
33472-0811	-	-	BLACK	A	60	60				X				
33472-0812	-	-	LT. GRAY	B	60	25				X				
33472-0813	-	-	BROWN	C	25	60				X				
33472-0814	-	-	GREEN	D	25	25				X				
33472-0815	-	-	CUSTOM	TBD						X				
33472-0816	YES	YES	BLACK	A	60	60				X				
33472-0817	YES	YES	LT. GRAY	B	60	25				X				
33472-0818	YES	YES	BROWN	C	25	60				X				
33472-0819	YES	YES	GREEN	D	25	25				X				
33472-0820	YES	YES	CUSTOM	TBD						X				
33472-0821	-	-	BLACK	A	60	60				X	X			
33472-0822	-	-	LT. GRAY	B	60	25				X	X			
33472-0823	-	-	BROWN	C	25	60				X	X			
33472-0824	-	-	GREEN	D	25	25				X	X			
33472-0825	-	-	CUSTOM	TBD						X	X			
33472-0826	YES	YES	BLACK	A	60	60				X	X			
33472-0827	YES	YES	LT. GRAY	B	60	25				X	X			
33472-0828	YES	YES	BROWN	C	25	60				X	X			
33472-0829	YES	YES	GREEN	D	25	25				X	X			
33472-0830	YES	YES	CUSTOM	TBD						X	X			
33472-0831	-	-	BLACK	A	60	60	X			X	X			
33472-0832	-	-	LT. GRAY	B	60	25	X			X	X			
33472-0833	-	-	BROWN	C	25	60	X			X	X			
33472-0834	-	-	GREEN	D	25	25	X			X	X			
33472-0835	-	-	CUSTOM	TBD			X			X	X			
33472-0836	YES	YES	BLACK	A	60	60	X			X	X			
33472-0837	YES	YES	LT. GRAY	B	60	25	X			X	X			
33472-0838	YES	YES	BROWN	C	25	60	X			X	X			
33472-0839	YES	YES	GREEN	D	25	25	X			X	X			
33472-0840	YES	YES	CUSTOM	TBD			X			X	X			
33472-0841	-	-	BLACK	A	60	60	X	X		X	X	X		
33472-0842	-	-	LT. GRAY	B	60	25	X			X	X	X		
33472-0843	-	-	BROWN	C	25	60	X			X	X	X		
33472-0844	-	-	GREEN	D	25	25	X			X	X	X		
33472-0845	-	-	CUSTOM	TBD			X			X	X	X		
33472-0846	YES	YES	BLACK	A	60	60	X			X	X	X		
33472-0847	YES	YES	LT. GRAY	B	60	25	X			X	X	X		
33472-0848	YES	YES	BROWN	C	25	60	X			X	X	X		
33472-0849	YES	YES	GREEN	D	25	25	X			X	X	X		
33472-0850	YES	YES	CUSTOM	TBD			X			X	X	X		
33472-0851	-	-	BLACK	A	60	60	X	X	X	X	X	X	X	
33472-0852	-	-	LT. GRAY	B	60	25	X	X	X	X	X	X	X	
33472-0853	-	-	BROWN	C	25	60	X	X	X	X	X	X	X	
33472-0854	-	-	GREEN	D	25	25	X	X	X	X	X	X	X	
33472-0855	-	-	BLACK	D	25	25	X	X	X	X	X	X	X	
33472-0856	YES	YES	BLACK	A	60	60				X				
33472-0857	YES	YES	BLACK	A	60	60	X	X		X	X			
33472-0858	YES	YES	BLACK	A	60	60	X	X	X	X	X			
33472-0859	-	-	BLACK	A	60	60	X	X	X		X	X		
33472-0860	-	-	BLACK	D	25	25				X				
33472-0861	-	-	BLACK	A	60	60								X
33472-0862	-	-	BLACK	A	60	60	X							
33472-0863	-	-	BLACK	A	60	60		X	X		X			X
33472-0864	-	-	BLACK	A	60	60	X		X		X			



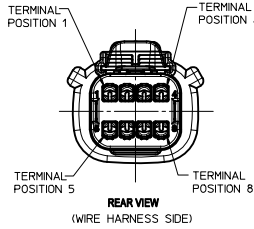
KEYING OPTION
SEE TABLE
SCALE 2:1



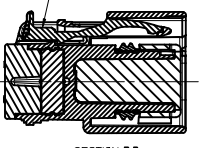
SECTION B-B
(RECEPTACLE INSERT SHOWN
IN PRE-LOCK POSITION)
SEE NOTE 2



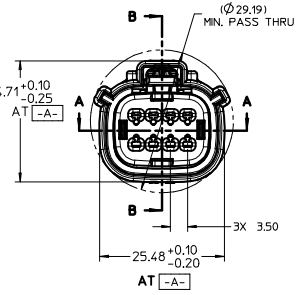
SECTION A-A



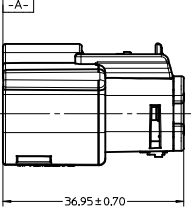
REAR VIEW
(WIRE HARNESS SIDE)



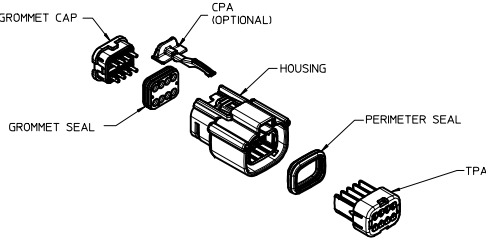
SECTION B-B
(RECEPTACLE INSERT SHOWN
IN FULL-LOCK POSITION)
SEE NOTE 2



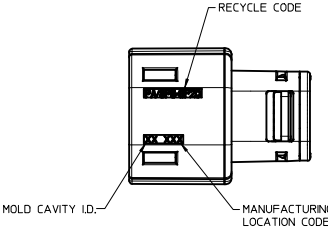
24.71^{+0.10}_{-0.25} AT -A-
25.48^{+0.10}_{-0.20} AT -A-
3X 3.50
MIN. PASS THRU
(Ø 29.19)



36.95 ± 0.70



GROMMET CAP
CPA (OPTIONAL)
HOUSING
GROMMET SEAL
PERIMETER SEAL
TPA



MOLD CAVITY I.D.
MANUFACTURING LOCATION CODE

NOTES: UNLESS OTHERWISE SPECIFIED

- DESIGNED TO MATE WITH BLADE HOUSING ASSEMBLY SPECIFIED IN MISC. CHARTED DRAWING SD-33482-081 OR DEVICE CONNECTION AS SPECIFIED IN USCAR DRAWING 150-S-008-2-202.
- 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.
- FOR RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY, SEE DRAWING SD-33012-002.
- SYSTEM TO BE USED WITH WIRE WITH DIAMETER RANGE OF 15mm TO 2.5mm.
- ASSEMBLIES SHALL CONFORM TO (BULK) PACKAGING SPECIFICATION PK-31300-435. ASSEMBLIES SHALL CONFORM TO (CELL PACK) PACKAGING SPECIFICATION PK-31300-903.

- 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 CORRECTLY SEATED. THE 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.
- SPS/NYLON BLEND, 20% GLASS FILLED.
- SHALL CONFORM TO PRODUCT SPECIFICATION PS-33472-000.
- 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.
- ASSEMBLY CONFORMS TO SAE/USCAR-2 REV 4 WITH THE FOLLOWING EXCEPTIONS:
TPA REMOVAL FROM FINAL LOCK TO PRE-LOCK POSITION SHALL NOT EXCEED 130 NEWTONS.
TERMINAL INSERTION FORCE FOR WIRE SIZE ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 40 NEWTONS.

REDRAWN IEC NO. UAU2009-0589 DRAWN/VERZYL CHKD/GRFFTHS APPR/IKOSHY REV	2008/12/10 2008/12/11 2008/12/11	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- ANGULAR ± 3 °	DIMENSION STYLE MM ONLY SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	DRAWN BY D. MARCOUX DATE 06-13-02 CHECKED BY D. GRIFITHS DATE 06-13-02 APPROVED BY F. HULUB DATE 06-13-02	TITLE MX150 RECEPTACLE CONN ASSEMBLY 2 ROW SEALED 8 WAY MOLEX INCORPORATED	MATERIAL NO. SEE TABLE DOCUMENT NO. SD-33472-081	SHEET NO. 1 OF 2
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
M																					M
L																					L
K																					K
J																					J
I																					I
H																					H
G																					G
F																					F
E																					E
D																					D
C																					C
B																					B
A																					A

ASSEMBLY PART NUMBER	CPA	COLOR	KEYING OPTION	DIMENSIONS (DEGREES)		CAVITY TYPE & STATUS (X = PLUGGED)							
				A	B	1	2	3	4	5	6	7	8
33472-0865	-	BLACK	A	60	60	X					X		
33472-0866	-	BLACK	A	60	60		X	X		X	X		X
33472-0867	-	BLACK	A	60	60	X		X		X	X		
33472-0868	-	BLACK	A	60	60					X	X		X
33472-0869	-	BLACK	A	60	60						X		
33472-0870	-	BLACK	A	60	60	X		X		X	X	X	X

REDRAWN EC NO: UAU2009-0589 2008/12/10 DRWNSYERZYL CHKDGRIFTHS 2008/12/11 APPR:VKOSHY 2008/12/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
				MM ONLY		1:1	METRIC				
	▽=0 ▽=0	mm INCH		DRAWN BY	DATE	TITLE					
		4 PLACES ± .— ± .—		D. MARCOUX	06-13-02	MX150 RECEPTACLE CONN					
		3 PLACES ± .— ± .—		CHECKED BY	DATE	ASSEMBLY 2 ROW SEALED					
		2 PLACES ± 0.10 ± .—		DGRIFTHS	06-13-02	8 WAY					
	1 PLACE ± 0.3 ± .—		APPROVED BY	DATE	MOLEX INCORPORATED						
			FHOLUB	06-13-02							
			ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-33472-081		2 OF 2		
REV				SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						