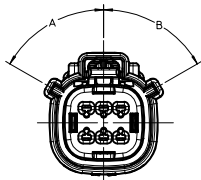
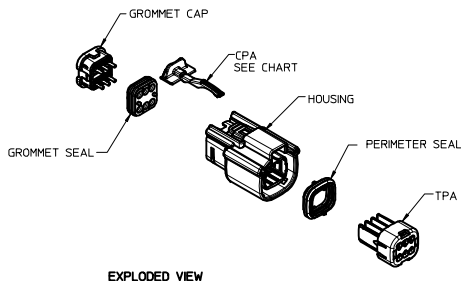


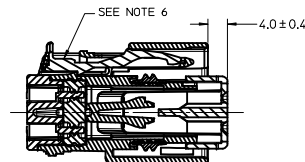
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



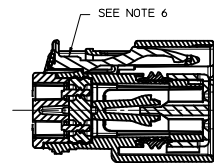
KEYING OPTION
SEE TABLE



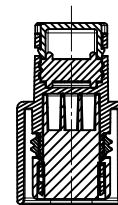
EXPLODED VIEW



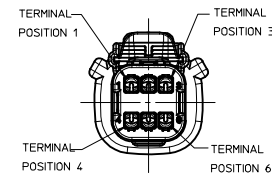
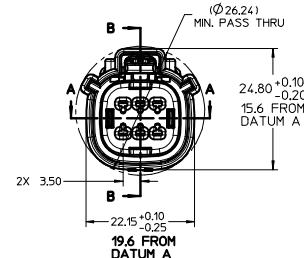
SECTION B-B
(RECEPTACLE INSERT SHOWN
IN PRE-LOCK POSITION)
SEE NOTE 2



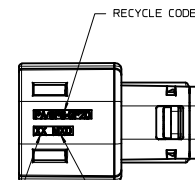
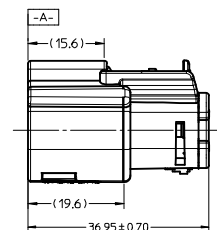
SECTION B-B
(RECEPTACLE INSERT SHOWN
IN FULL-LOCK POSITION)
SEE NOTE 2



SECTION A-A



REAR VIEW
(WIRE HARNESS SIDE)



HOUSING MOLD CAVITY I.D.
LOCATION CODE

NOTES: UNLESS OTHERWISE SPECIFIED

- DESIGNED TO MATE WITH BLADE HOUSING ASSEMBLY SPECIFIED IN CHARTED DRAWING SD-33482-061 OR DEVICE CONNECTION AS SPECIFIED IN USCAR DRAWING 150-S-006-2-202.
- 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 WITHIN DIAMETER RANGE OF 15mm TO 2.5mm.
- 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

- 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.
- MATERIAL: SPS/NYLON BLEND, 20% GLASS FILLED.
- SHALL CONFORM TO THE FOLLOWING PACKAGING SPECIFICATION NUMBER PK-30907-895
- SHALL CONFORM TO THE FOLLOWING PRODUCT SPECIFICATION NUMBER PS-33472-000
- 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 EC NO: UAU2009-0589 DRAWN BY: CHYKORIFFIHS CHECKED BY: APPR:VKOSHY DATE: 2008/12/10 DATE: 2008/12/11	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY DGRIFFIHS	DATE 06-05-03	TITLE MX150 RECEPTACLE CONNECTOR ASSEMBLY 2 ROW SEALED, 6 WAY		
			4 PLACES ± ---	± ---	CHECKED BY DGRIFFIHS	DATE 06-05-03	MOLEX INCORPORATED		
			3 PLACES ± ---	± ---	APPROVED BY DGRIFFIHS	DATE 06-05-03	SD-33472-061		
			2 PLACES ± 0.10	± ---	SHEET NO. 1 OF 2				
SIZE D	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	NEW	ANGULAR ± 3 °		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-33472-061		SHEET NO. 1 OF 2
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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ASSEMBLY PART NUMBER	CPA	COLOR	KEYING OPTION	DIMENSIONS (DEGREES)		CAVITY TYPE & STATUS (X = PLUGGED)							
				A	B	1	2	3	4	5	6	7	8
33472-0601	-	BLACK	A	60	60								
33472-0602	-	LT. GRAY	B	60	25								
33472-0603	-	BROWN	C	25	60								
33472-0604	-	GREEN	D	25	25								
33472-0605	-	CUSTOM	TBD										
33472-0606	YES	BLACK	A	60	60								
33472-0607	YES	LT. GRAY	B	60	25								
33472-0608	YES	BROWN	C	25	60								
33472-0609	YES	GREEN	D	25	25								
33472-0610	YES	CUSTOM	TBD										
33472-0611	-	BLACK	A	60	60			X					
33472-0612	-	LT. GRAY	B	60	25			X					
33472-0613	-	BROWN	C	25	60			X					
33472-0614	-	GREEN	D	25	25			X					
33472-0615	-	CUSTOM	TBD					X					
33472-0616	YES	BLACK	A	60	60			X					
33472-0617	YES	LT. GRAY	B	60	25			X					
33472-0618	YES	BROWN	C	25	60			X					
33472-0619	YES	GREEN	D	25	25			X					
33472-0620	YES	CUSTOM	TBD					X					
33472-0621	-	BLACK	A	60	60			X	X				
33472-0622	-	LT. GRAY	B	60	25			X	X				
33472-0623	-	BROWN	C	25	60			X	X				
33472-0624	-	GREEN	D	25	25			X	X				
33472-0625	-	CUSTOM	TBD					X	X				
33472-0626	YES	BLACK	A	60	60			X	X				
33472-0627	YES	LT. GRAY	B	60	25			X	X				
33472-0628	YES	BROWN	C	25	60			X	X				
33472-0629	YES	GREEN	D	25	25			X	X				
33472-0630	YES	CUSTOM	TBD					X	X				
33472-0631	-	BLACK	A	60	60								
33472-0632	-	LT. GRAY	B	60	25								
33472-0633	-	BROWN	C	25	60								
33472-0634	-	GREEN	D	25	25								
33472-0635	-	CUSTOM	TBD										
33472-0636	-	BLACK	A	60	60	X	X	X	X	X	X	X	X
33472-0637	-	LT. GRAY	B	60	25	X	X	X	X	X	X	X	X
33472-0638	-	BROWN	C	25	60	X	X	X	X	X	X	X	X
33472-0639	-	GREEN	D	25	25	X	X	X	X	X	X	X	X
33472-0640	-	CUSTOM	TBD			X	X	X	X	X	X	X	X
33472-0641	-	BLACK	A	60	60		X	X	X	X			
33472-0642	-	BLACK	A	60	60				X				
33472-0643	YES	BLACK	A	60	60	X		X	X				
33472-0644	YES	LT. GRAY	B	60	25	X		X	X				
33472-0645	YES	BROWN	C	25	60	X		X	X				
33472-0646	YES	GREEN	D	25	25	X		X	X				
33472-0647	YES	CUSTOM	TBD			X		X	X				
33472-0648	-	BLACK	A	60	60	X		X	X		X		
33472-0649	-	LT. GRAY	B	60	25	X		X	X		X		
33472-0650	-	BROWN	C	25	60	X		X	X		X		
33472-0651	-	GREEN	D	25	25	X		X	X		X		
33472-0652	-	CUSTOM	TBD			X		X	X		X		
33472-0653	YES	BLACK	A	60	60	X		X	X		X		
33472-0654	YES	LT. GRAY	B	60	25	X		X	X		X		
33472-0655	YES	BROWN	C	25	60	X		X	X		X		
33472-0656	YES	GREEN	D	25	25	X		X	X		X		
33472-0657	YES	CUSTOM	TBD			X		X	X		X		
33472-0658	-	BLACK	A	60	60			X					
33472-0659	-	BLACK	A	60	60			X		X	X		
33472-0660	YES	BLACK	A	60	60	X	X	X	X	X	X		
33472-0661	-	BLACK	A	60	60			X					
33472-0662	-	BLACK	A	60	60					X			
33472-0663	-	BLACK	A	60	60					X	X		
33472-0664	-	BLACK	A	60	60				X	X	X		
33472-0665	-	BLACK	A	60	60	X							
33472-0666	-	BLACK	A	60	60		X				X	X	
33472-0667	-	BLACK	A	60	60	X		X			X	X	

ENTER DESCRIPTION IEC NO: UAU2009-0589 DRAWN BY: CHYKORRFF1HS CHECKED BY: APPR: VKOSHY DATE: 2008/12/11	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
								 MOLEX INCORPORATED		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								SHEET NO. 2 OF 2		
								SD-33472-061		
								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