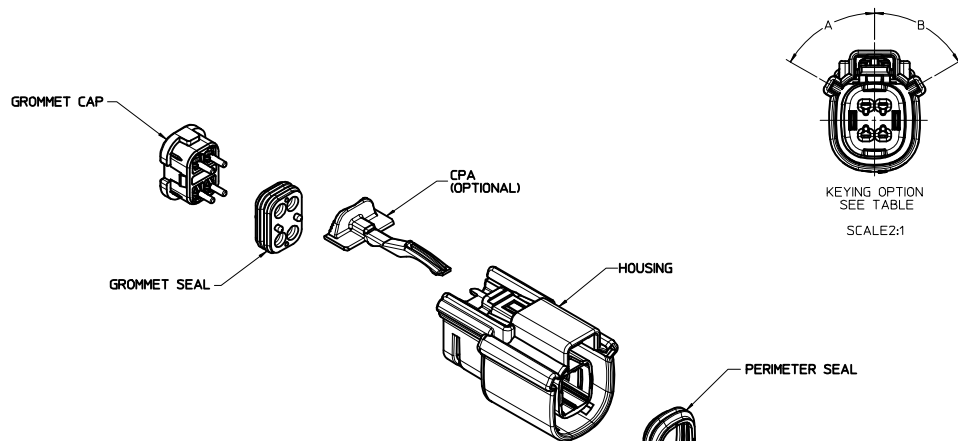


20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

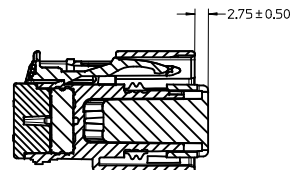
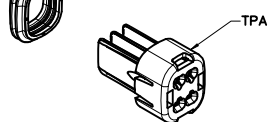


SCALE 1:1

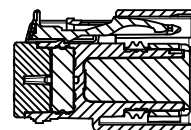


NOTES: UNLESS OTHERWISE SPECIFIED

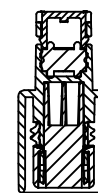
1. DESIGNED TO MATE WITH BLADE HOUSING ASSEMBLY SPECIFIED IN MOLEX CHARTED DRAWING SD-33482-041 OR DEVICE CONNECTION AS SPECIFIED IN USCAR DRAWING 150-S-004-2-202.
2. ASSEMBLY SHIPPED WITH RECEPTACLE INSERT IN PRE-LOCK POSITION (SEE SECTION B-B PRE-LOCK). UPON FULL TERMINAL ASSEMBLY, EACH RECEPTACLE INSERT MUST BE SNAPPED INTO ITS FINAL-LOCK POSITION. ENGAGEMENT FORCE TO MOVE TPA FROM PRE-LOCK POSITION TO FINAL LOCK POSITION WITH TERMINALS: 90N MAX. DISENGAGEMENT FORCE TO MOVE TPA FROM FINAL LOCK TO PRE-LOCK POSITION WITH TERMINALS: 90N MAX.
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 15mm TO 25mm.
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 POSITION 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. CHENGDU ASSEMBLIES SHALL CONFORM TO PACKAGING SPECIFICATION PK-31300-635
8. SHALL CONFORM TO PRODUCT SPECIFICATION PS-33472-000.
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. DATE CODE: FIRST TWO DIGITS IS CALENDAR YEAR, THRD THROUGH FIFTH DIGIT IS DAY NUMBER OF THE CALENDAR YEAR, (FEB 3RD-034)
11. REFER TO SHEET #2 FOR ALL PART NUMBER OPTIONS.
12. ASSEMBLY PART NUMBERS 33472-0435 THRU 33472-0439 WERE 33472-4413 THRU 33472-4417
13. 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.



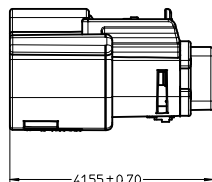
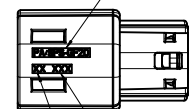
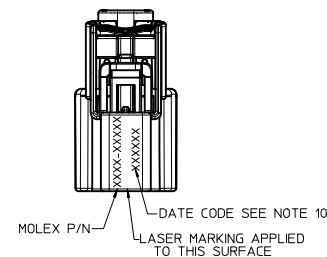
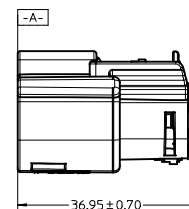
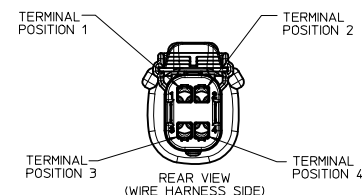
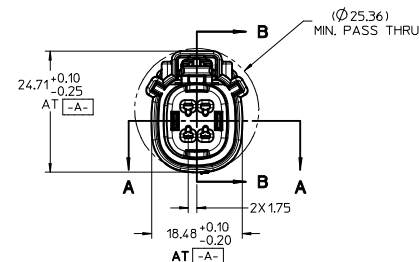
SECTION B-B
(RECEPTACLE INSERT SHOWN
IN PRE-LOCK POSITION)
SEE NOTE #2



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



SECTION A-A



FOR ASSEMBLY PART NUMBERS 33472-4401 THRU 33472-4412

REDRAWN EC NO: UAU2009-04683 DRAWN BY: DFWANKLLEN CHECKED BY: FFI THS APPROVED BY: WOSHY DATE: 2009/02/02 DATE: 2009/02/02 DATE: 2009/02/02	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE MX150 RECEPT CONNECTOR ASSEMBLY 2 ROW SEALED, 4 WAY MOLEX MOLEX INCORPORATED
			mm INCH		DRAWN BY MYANSLAMBROU	DATE 05-03-06	TITLE			
			4 PLACES ± ---		CHECKED BY DGRIFITHS	DATE 06-22-06				
			3 PLACES ± ---		APPROVED BY SMARCEAU	DATE 06-22-06				
			2 PLACES ± 0.10							
			1 PLACE ± 0.3							
			ANGULAR ± 3 °							
					MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-33472-041			
					SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 1 OF 2			

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ASSEMBLY PART NUMBER	CPA	COLOR	KEYING OPTION	DIMENSIONS (DEGREES)		CAVITY TYPE & STATUS (X = PLUGGED)			
				A	B	1	2	3	4
33472-0401	-	BLACK	A	60	60				
33472-0402	-	LIGHT GRAY	B	60	40				
33472-0403	-	DARK GRAY	C	40	60				
33472-0404	-	STONE GRAY	D	40	40				
33472-0406	YES	BLACK	A	60	60				
33472-0407	YES	LIGHT GRAY	B	60	40				
33472-0408	YES	DARK GRAY	C	40	60				
33472-0409	YES	STONE GRAY	D	40	40				
33472-0431	-	BLACK	A	60	60	X	X	X	X
33472-0432	-	LIGHT GRAY	B	60	40	X	X	X	X
33472-0433	-	DARK GRAY	C	40	60	X	X	X	X
33472-0434	-	STONE GRAY	D	40	40	X	X	X	X
33472-4401	-	BLACK	A	60	60				
33472-4402	-	LIGHT GRAY	B	60	40				
33472-4403	-	DARK GRAY	C	40	60				
33472-4404	-	STONE GRAY	D	40	40				
33472-4405	YES	BLACK	A	60	60				
33472-4406	YES	LIGHT GRAY	B	60	40				
33472-4407	YES	DARK GRAY	C	40	60				
33472-4408	YES	STONE GRAY	D	40	40				
33472-4409	-	BLACK	A	60	60	X	X	X	X
33472-4410	-	LIGHT GRAY	B	60	40	X	X	X	X
33472-4411	-	DARK GRAY	C	40	60	X	X	X	X
33472-4412	-	STONE GRAY	D	40	40	X	X	X	X
33472-0435	-	BLACK	A	60	60		X	X	
33472-0436	-	BLACK	A	60	60	X	X	X	
33472-0437	-	BLACK	A	60	60			X	X
33472-0438	-	BLACK	A	60	60			X	
33472-0439	-	BLACK	A	60	60				X
33472-0440	-	BLACK	A	60	60		X		
33472-0441	-	BLACK	A	60	60	X	X		

ENTER DESCRIPTION IEC NO: UAU2009-0683 DRAWN BY: DRWNKKILLEN CHECKED BY: CHYDGRIFITHS APPR: WKOSHY REV DESCRIPTION 2009/02/02 2009/02/02 2009/02/02	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm INCH		DATE		TITLE			
		4 PLACES ± --- ± ---		MYANSLAMBROU 05-03-06		MX150 RECEPT CONNECTOR			
		3 PLACES ± --- ± ---		CHECKED BY: DATE		ASSEMBLY 2 ROW SEALED,			
2 PLACES ± 0.10 ± ---		DGRIFITHS 06-22-06		APPROVED BY: DATE		4 WAY			
1 PLACE ± 0.3 ± ---		ANGULAR ± 3 °		SMARCEAU 06-22-06		MOLEX INCORPORATED			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
						SD-33472-041		2 OF 2	

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