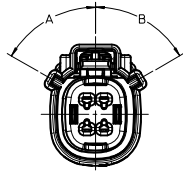
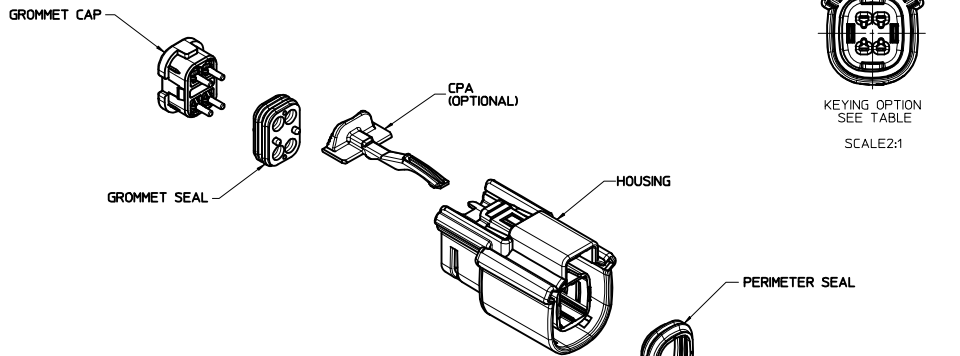
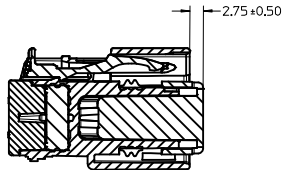




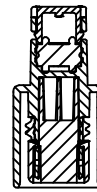
SCALE 1:1



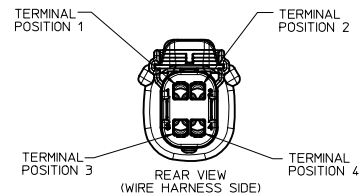
KEYING OPTION
SEE TABLE
SCALE 2:1



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



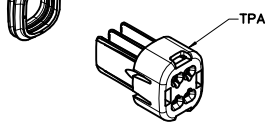
SECTION A-A



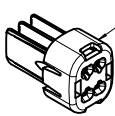
TERMINAL POSITION 1
TERMINAL POSITION 2
TERMINAL POSITION 3
TERMINAL POSITION 4
REAR VIEW
(WIRE HARNESS SIDE)

NOTES: UNLESS OTHERWISE SPECIFIED

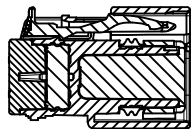
- DESIGNED TO MATE WITH BLADE HOUSING ASSEMBLY SPECIFIED IN MOLEX CHARTERED DRAWING SD-33482-041 OR DEVICE CONNECTION AS SPECIFIED IN USCAR DRAWING 150-S-004-2-202.
- ASSEMBLY SHIPPED WITH RECEPTACLE INSERT IN PRE-LOCK POSITION (SEE SECTION B-B PRE-LOCK). UPON FULL TERMINAL ASSEMBLY, EACH RECEPTACLE INSERT MUST BE SNAPPED INTO ITS FINAL-LOCK POSITION. 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.
- 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.
- 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.
- MATERIAL: SPS/NYLON BLEND, 20% GLASS FILLED.
- CHENGDU ASSEMBLIES SHALL CONFORM TO PACKAGING SPECIFICATION PK-31300-635
- 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
- DATE CODE: FIRST TWO DIGITS IS CALENDAR YEAR, THRD THROUGH FIFTH DIGIT IS DAY NUMBER OF THE CALENDAR YEAR. (FEB 3RD-034)
- REFER TO SHEET #2 FOR ALL PART NUMBER OPTIONS.
- ASSEMBLY PART NUMBERS 33472-0435 THRU 33472-0439 WERE 33472-4413 THRU 33472-4417
- 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.



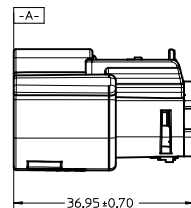
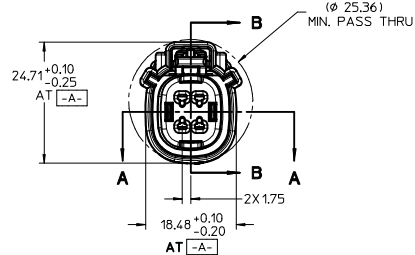
PERIMETER SEAL



TPA

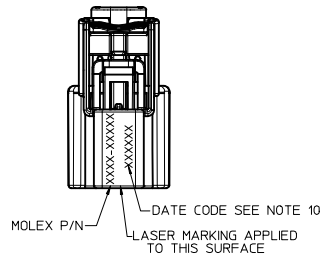


SECTION B-B
(RECEPTACLE INSERT SHOWN
IN FULL-LOCK POSITION)
SEE NOTE #2

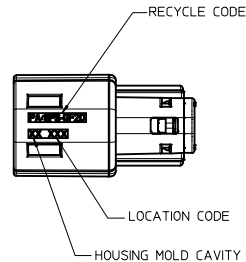


-A-

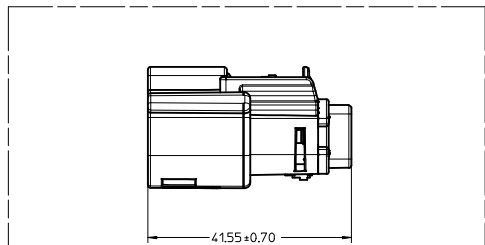
36.95 +0.70



MOLEX P/N
LASER MARKING APPLIED TO THIS SURFACE
DATE CODE SEE NOTE 10



RECYCLE CODE
LOCATION CODE
HOUSING MOLD CAVITY I.D.



FOR ASSEMBLY PART NUMBERS 33472-4401 THRU 33472-4412

REDRAWN IEC NO: UAU2010-015 DRAWN BY: DGRIFITHS 2009/08/11 CHECKED BY: CHKOSYERZYL 2009/08/13 APPROVED BY: APPR:KOSHY 2009/08/17	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED): mm INCH		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± .--- ± .--- 3 PLACES ± .--- ± .--- 2 PLACES ± 0.10 ± .--- 1 PLACE ± 0.3 ± .--- ANGULAR ± 3 °	DRAWN BY: MYANSLAMBROU 05-03-06 CHECKED BY: DATE DGRIFITHS 06-22-06 APPROVED BY: DATE SMARCEAU 06-22-06	DATE 05-03-06 DATE 06-22-06 DATE 06-22-06	TITLE MX150 RECEPT CONNECTOR ASSEMBLY 2 ROW SEALED, 4 WAY	MATERIAL NO. SEE TABLE DOCUMENT NO. SD-33472-041		SHEET NO. 1 OF 2
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								

ASSEMBLY PART NUMBER	CPA	COLOR	KEYING OPTION	DIMENSIONS (DEGREES)		CAVITY TYPE & STATUS (X = PLUGGED)				STATUS	COMMENTS
				A	B	1	2	3	4		
33472-0401	-	BLACK	A	60	60					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0402	-	LIGHT GRAY	B	60	40					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0403	-	BROWN	C	40	60					DESIGN CONCEPT	NOT RECOMMENDED, USE 33472-0442, SAME KEY IN DIFFERENT COLOR
33472-0404	-	GREEN	D	40	40					DESIGN CONCEPT	NOT RECOMMENDED, USE 33472-0443, SAME KEY IN DIFFERENT COLOR
33472-0406	YES	BLACK	A	60	60					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0407	YES	LIGHT GRAY	B	60	40					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0408	YES	BROWN	C	40	60					DESIGN CONCEPT	NOT RECOMMENDED, USE 33472-0444, SAME KEY IN DIFFERENT COLOR
33472-0409	YES	GREEN	D	40	40					DESIGN CONCEPT	NOT RECOMMENDED, USE 33472-0445, SAME KEY IN DIFFERENT COLOR
33472-0431	-	BLACK	A	60	60	X	X	X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0432	-	LIGHT GRAY	B	60	40	X	X	X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0433	-	BROWN	C	40	60	X	X	X	X	DESIGN CONCEPT	NOT RECOMMENDED, USE 33472-0446, SAME KEY IN DIFFERENT COLOR
33472-0434	-	GREEN	D	40	40	X	X	X	X	DESIGN CONCEPT	NOT RECOMMENDED, USE 33472-0447, SAME KEY IN DIFFERENT COLOR
33472-4401	-	BLACK	A	60	60					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-4402	-	LIGHT GRAY	B	60	40					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-4403	-	DARK GRAY	C	40	60					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-4404	-	STONE GRAY	D	40	40					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-4405	YES	BLACK	A	60	60					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-4406	YES	LIGHT GRAY	B	60	40					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-4407	YES	DARK GRAY	C	40	60					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-4408	YES	STONE GRAY	D	40	40					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-4409	-	BLACK	A	60	60	X	X	X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-4410	-	LIGHT GRAY	B	60	40	X	X	X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-4411	-	DARK GRAY	C	40	60	X	X	X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-4412	-	STONE GRAY	D	40	40	X	X	X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0435	-	BLACK	A	60	60					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0436	-	BLACK	A	60	60	X	X	X		SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0437	-	BLACK	A	60	60				X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0438	-	BLACK	A	60	60				X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0439	-	BLACK	A	60	60				X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0440	-	BLACK	A	60	60			X		SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0441	-	BLACK	A	60	60	X	X			SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0442	-	DARK GRAY	C	40	60					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0443	-	STONE GRAY	D	40	40					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0444	YES	DARK GRAY	C	40	60					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0445	YES	STONE GRAY	D	40	40					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0446	-	DARK GRAY	C	40	60	X	X	X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33472-0447	-	STONE GRAY	D	40	40	X	X	X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)

ENTER DESCRIPTION IEC NO. UAU2010-0115 DRAWN BY: MYANSLAMBROU CHECKED BY: DGRIFFI THS CHYKOSVERZYL APPR: VKOSHY 2009/08/11 2009/08/13 2009/08/17	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±.010 ±.0004 3 PLACES ±.010 ±.0004 2 PLACES ±.010 ±.0004 1 PLACE ±.03 ±.0012 ANGULAR ± 3°	DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	DRAWN BY: MYANSLAMBROU CHECKED BY: DGRIFFI THS APPROVED BY: SMARCEAU	DATE: 05-03-06 DATE: 06-22-06 DATE: 06-22-06	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-33472-041	SHEET NO. 2 OF 2	TITLE MX150 RECEIPT CONNECTOR ASSEMBLY 2 ROW SEALED, 4 WAY	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	MOLEX INCORPORATED						