





- 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 WITH 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-34648-001. 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. DIS-ENGAGEMENT FORCE TO MOVE CPA FROM FINAL LOCK TO PRE-LOCK POSITION: 3N MIN.
  - MATERIAL: SPS/ANION BLEND, 20% GLASS FILLED.
  - SHALL CONFORM TO THE FOLLOWING PACKAGING SPECIFICATION NUMBER PK-3100-903
  - SHALL CONFORM TO THE FOLLOWING PRODUCT SPECIFICATION NUMBER PS-33472-000
  - ASSEMBLY CONFORMS TO SAGAUSCAR-2 REV 4 WITH THE FOLLOWING EXCEPTIONS:  
TPA REMOVAL FROM FINAL LOCK TO PRE-LOCK POSITION SHALL NOT EXCEED 100 NEWTONS.  
TERMINAL INSERTION FORCE FOR WIRE SIZE ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 40 NEWTONS.

PREPARED BY: WJ DESIGNED BY: WJ CHECKED BY: WJ APPROVED BY: WJ DATE: 2010/03/04	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	4 PLACES ± 0.10 3 PLACES ± 0.15 2 PLACES ± 0.20 1 PLACE ± 0.30	DIMENSION STYLE: MM ONLY DRAWN BY: DGRFFITHS DATE: 06-05-03 CHECKED BY: DGRFFITHS DATE: 06-05-03 APPROVED BY: VKOSHY DATE: 2010/03/04	2 PLACES ± 0.10 1 PLACE ± 0.30 ANGULAR ± 3°	2:1 METRIC	MX150 RECEPTACLE CONNECTOR ASSEMBLY 2 ROW SEALED, 6 WAY MOLEX INCORPORATED	SD-33472-061	SHEET NO. 1 OF 2
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	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

ASSEMBLY PART NUMBER	CPA	COLOR	KEYING OPTION	DIMENSIONS (DEGREES)		Cavity Type & Status (X=PLUGGED)						CROMMET SEAL	STATUS	
				A	B	1	2	3	4	5	6			
33472-0601	-	BLACK	A	60	60								YES	SALEABLE
33472-0602	-	LT. GRAY	B	60	25									NOT RECOMMENDED-SEE P/N 33472-0608
33472-0603	-	BROWN	C	25	60									NOT RECOMMENDED-SEE P/N 33472-0609
33472-0604	-	GREEN	D	25	25									NOT RECOMMENDED-SEE P/N 33472-0609
33472-0606	YES	BLACK	A	60	60								YES	SALEABLE
33472-0607	YES	LT. GRAY	B	60	25									NOT RECOMMENDED-SEE P/N 33472-0670
33472-0608	YES	BROWN	C	25	60									NOT RECOMMENDED-SEE P/N 33472-0671
33472-0609	YES	GREEN	D	25	25									NOT RECOMMENDED-SEE P/N 33472-0671
33472-0611	-	BLACK	A	60	60			X					YES	SALEABLE SAME AS ASSEMBLY P/N 33472-0658
33472-0612	-	LT. GRAY	B	60	25			X						YES
33472-0613	-	BROWN	C	25	60			X						YES
33472-0614	-	GREEN	D	25	25			X						YES
33472-0616	YES	BLACK	A	60	60			X					YES	SALEABLE
33472-0617	YES	LT. GRAY	B	60	25			X						YES
33472-0618	YES	BROWN	C	25	60			X						YES
33472-0619	YES	GREEN	D	25	25			X						YES
33472-0621	-	BLACK	A	60	60									VOIDED
33472-0622	-	LT. GRAY	B	60	25			X	X				YES	SALEABLE
33472-0623	-	BROWN	C	25	60			X	X				YES	
33472-0624	-	GREEN	D	25	25			X	X				YES	
33472-0626	YES	BLACK	A	60	60			X	X				YES	SALEABLE
33472-0627	YES	LT. GRAY	B	60	25			X	X					YES
33472-0628	YES	BROWN	C	25	60			X	X					YES
33472-0629	YES	GREEN	D	25	25			X	X					YES
33472-0631	-	BLACK	A	60	60									NO NOT VALIDATED
33472-0632	-	LT. GRAY	B	60	25									NO NOT VALIDATED
33472-0633	-	BROWN	C	25	60									NO NOT VALIDATED
33472-0634	-	GREEN	D	25	25									NO NOT VALIDATED
33472-0636	-	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0637	-	LT. GRAY	B	60	25	X	X	X	X	X	X		YES	
33472-0638	-	BROWN	C	25	60	X	X	X	X	X	X		YES	
33472-0639	-	GREEN	D	25	25	X	X	X	X	X	X		YES	
33472-0641	-	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0642	-	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0643	YES	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0644	YES	LT. GRAY	B	60	25	X	X	X	X	X	X		YES	
33472-0645	YES	BROWN	C	25	60	X	X	X	X	X	X		YES	
33472-0646	YES	GREEN	D	25	25	X	X	X	X	X	X		YES	
33472-0647	-	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0648	-	LT. GRAY	B	60	25	X	X	X	X	X	X		YES	
33472-0649	-	BROWN	C	25	60	X	X	X	X	X	X		YES	
33472-0650	-	GREEN	D	25	25	X	X	X	X	X	X		YES	
33472-0653	YES	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0654	YES	LT. GRAY	B	60	25	X	X	X	X	X	X		YES	
33472-0655	YES	BROWN	C	25	60	X	X	X	X	X	X		YES	
33472-0656	YES	GREEN	D	25	25	X	X	X	X	X	X		YES	
33472-0657	-	BLACK	A	60	60									VOIDED
33472-0658	-	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0659	-	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0660	YES	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0661	-	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0662	-	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0663	-	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0664	-	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0665	-	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0666	-	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0667	-	BLACK	A	60	60	X	X	X	X	X	X		YES	SALEABLE
33472-0668	-	DK. GRAY	C	25	60								YES	TOOLED BUT NOT VALIDATED
33472-0669	-	ST. GRAY	D	25	25								YES	TOOLED BUT NOT VALIDATED
33472-0670	YES	DK. GRAY	C	25	60								YES	TOOLED BUT NOT VALIDATED
33472-0671	YES	ST. GRAY	D	25	25								YES	TOOLED BUT NOT VALIDATED

<b>ENTER DESCRIPTION</b> W1 2010/04/04 2010/04/04 04/04/04 2010/04/04 2010/04/04 2010/04/04	<b>QUALITY SYMBOLS</b> 0.05 0.10	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> 4 PLACES ± 0.10 3 PLACES ± 0.15 2 PLACES ± 0.20 1 PLACE ± 0.30 ANGULAR ± 3°	<b>DIMENSION STYLE</b> HM ONLY	<b>SCALE</b> 1:1	<b>DESIGN UNITS</b> METRIC	<b>THIRD ANGLE PROJECTION</b>	
	<b>DRAWN BY</b> DGRFFI THS	<b>DATE</b> 06-05-03	<b>CHECKED BY</b> DATE	<b>TITLE</b> MX150 RECEPTACLE CONNECTOR ASSEMBLY 2 ROW SEALED, 6 WAY	<b>APPROVED BY</b> WKOSHY	<b>DATE</b> 2010/03/04	<b>MOLEX INCORPORATED</b>
	<b>DRAFT WHERE APPLICABLE</b> WITHIN DIMENSIONS	<b>SEE TABLE</b>	<b>MATERIAL NO.</b> SD-33472-061	<b>DOCUMENT NO.</b> SD-33472-061	<b>SHEET NO.</b> 2 OF 2	<b>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</b>	
	<b>NOTES</b>						

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