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Part Number: [0334820402](#)
Status: **Active**
Overview: [mx150 sealed connector system](#)
Description: 3.50mm (.138") Pitch MX150™ Sealed Male Connector, Dual Row, 4 Circuits, Polarization B, without Connector Position Assurance, Gray

Documents:

3D Model	Product Specification PS-33472-000 (PDF)
Application Specification (PDF)	RoHS Certificate of Compliance (PDF)
Drawing (PDF)	



General

Product Family	Crimp Housings
Series	33482
Comments	No Connector Position Assurance (CPA)
More Detailed Tech Information	http://ewcap.uscarteams.org
Overview	mx150 sealed connector system
Product Name	MX150™

Physical

Circuits (maximum)	4
Circuits Detail	4
Color - Resin	Black, Gray (Light), Natural
Gender	Male
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Modified Polystyrene Alloy
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.138 In
Pitch - Mating Interface (mm)	3.50 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +125°C

Electrical

Current - Maximum per Contact	22A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-33472-100
Packaging Specification	PK-31300-635
Product Specification	PS-33472-000
Sales Drawing	SD-33482-041

EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Halogen-Free Status Not Reviewed	China RoHS 
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Need more information on product environmental compliance?

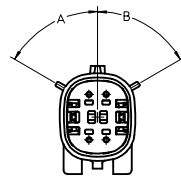
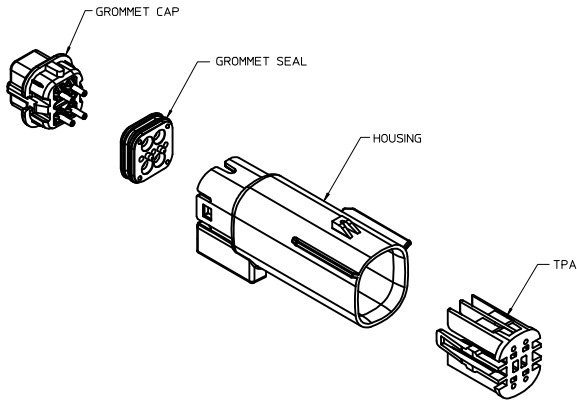
Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

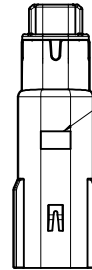
Search Parts in this Series
[33482Series](#)

Mates With
[33472](#) Female Dual Row Sealed Connector

Use With
[33000](#) MX150™ Tin (Sn) Male Terminal,
[33011](#) Gold (Au) Male Terminal



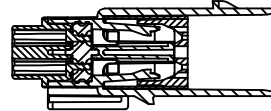
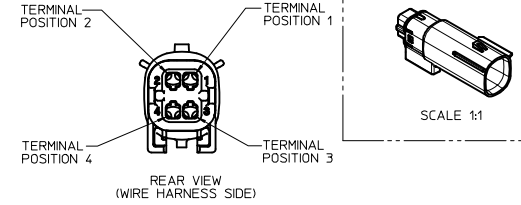
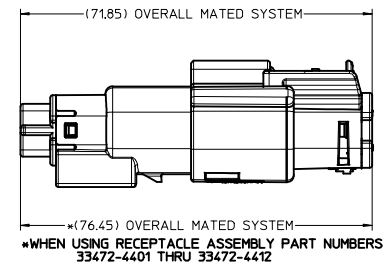
KEYING OPTION
SEE TABLE
SCALE 2:1



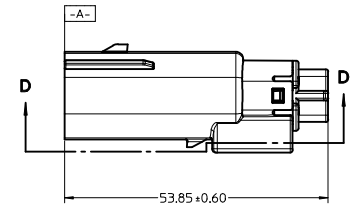
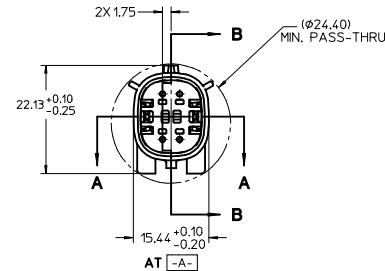
OPTIONAL TRACEABILITY
INFORMATION LOCATED IN
THIS AREA



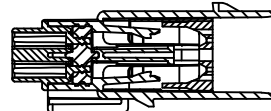
SECTION A-A



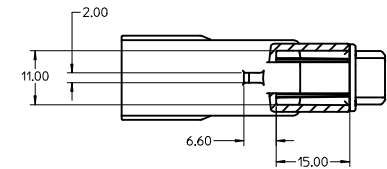
SECTION B-B
(BLADE INSERT SHOWN IN FULL-LOCK POSITION)
SEE NOTE 2



SECTION D-D



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



NOTES: UNLESS OTHERWISE SPECIFIED

- DESIGNED TO MATE WITH RECEPTACLE HOUSING ASSEMBLY SPECIFIED IN MOLEX CHARTED DRAWING SD-33472-041.
- ASSEMBLY SHIPPED WITH BLADE INSERT IN PRE-LOCK POSITION (SEE SECTION C-C PRE-LOCK). UPON FULL TERMINAL ASSEMBLY, EACH BLADE INSERT MUST BE SNAPPED INTO ITS FINAL-LOCK POSITION.
- FOR BLADE TERMINALS TO BE USED WITH THIS ASSEMBLY, SEE DRAWING SD-33000-001.
- SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.5mm TO 2.5mm.
- 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.
- 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 45 NEWTONS.
- REFER TO SHEET #2 FOR ALL PART NUMBER OPTIONS

REDRAWN IEC NO. UAU2010-0100 DRAWING REF ITHS 2009/08/06 CHKD SVRZYL 2009/08/06 APPR:VKOSHY 2009/08/12 REVISION DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		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 ± ---		mm INCH		DRAWN BY MYANSLAMBROU 04-27-06		DATE		TITLE MX150 BLADE CONNECTOR ASSEMBLY 2 ROW SEALED 4 WAY			
	ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY SMARCEAU 06-22-06		DATE		MATERIAL NO. SEE TABLE DOCUMENT NO. SD-33482-041			
	SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		MOLEX INCORPORATED		SHEET NO. 1 OF 2					

ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	DIMENSIONS (DEGREES)		CAVITY TYPE & STATUS (X = PLUGGED)				STATUS	COMMENTS
			A	B	1	2	3	4		
33482-0401	BLACK	A	60	60					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-0402	LIGHT GRAY	B	40	60					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-0403	BROWN	C	60	40					DESIGN CONCEPT	NOT RECOMMENDED, USE 33482-4403, SAME KEY IN DIFFERENT COLOR
33482-0404	GREEN	D	40	40					DESIGN CONCEPT	NOT RECOMMENDED, USE 33482-4404, SAME KEY IN DIFFERENT COLOR
33482-0406	BLACK	A	60	60			X		SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-0407	LIGHT GRAY	B	40	60			X		SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-0408	BROWN	C	60	40			X		DESIGN CONCEPT	NOT RECOMMENDED, USE 33482-4405, SAME KEY IN DIFFERENT COLOR
33482-0409	GREEN	D	40	40			X		DESIGN CONCEPT	NOT RECOMMENDED, USE 33482-4406, SAME KEY IN DIFFERENT COLOR
33482-0411	BLACK	A	60	60			X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-0412	LIGHT GRAY	B	40	60			X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-0413	BROWN	C	60	40			X	X	DESIGN CONCEPT	NOT RECOMMENDED, USE 33482-4407, SAME KEY IN DIFFERENT COLOR
33482-0414	GREEN	D	40	40			X	X	DESIGN CONCEPT	NOT RECOMMENDED, USE 33482-4408, SAME KEY IN DIFFERENT COLOR
33482-0416	BLACK	A	60	60	X	X	X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-0417	LIGHT GRAY	B	40	60	X	X	X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-0418	BROWN	C	60	40	X	X	X	X	DESIGN CONCEPT	NOT RECOMMENDED, USE 33482-4409, SAME KEY IN DIFFERENT COLOR
33482-0419	GREEN	D	40	40	X	X	X	X	DESIGN CONCEPT	NOT RECOMMENDED, USE 33482-4410, SAME KEY IN DIFFERENT COLOR
33482-0421	BLACK	A	60	60	X	X	X		SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-0422	BLACK	A	60	60				X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-0423	BLACK	A	60	60			X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-0424	BLACK	A	60	60				X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-0425	BLACK	A	60	60	X	X			SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-4403	DARK GRAY	C	60	40					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-4404	STONE GRAY	D	40	40					SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-4405	DARK GRAY	C	60	40			X		SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-4406	STONE GRAY	D	40	40			X		SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-4407	DARK GRAY	C	60	40			X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-4408	STONE GRAY	D	40	40			X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-4409	DARK GRAY	C	60	40	X	X	X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)
33482-4410	STONE GRAY	D	40	40	X	X	X	X	SALEABLE	RECOMMENDED, TEMPERATURE CLASS 4 (-40°C TO 150°C)

ENTER DESCRIPTION IEC NO. UAU2010-0100 DRAWN BY MYANSLAMBROU CHECKED BY DGRIFITHS CHYKOSVERZYL APPR:VKOSHY 2009/08/06 2009/08/06 2009/08/12	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
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