

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0334820404**  
**Status:** **Active**  
**Overview:** mx150 sealed connector system  
**Description:** 3.50mm (.138") Pitch MX150™ Sealed Male Connector, Dual Row, 4 Circuits, Polarization D, without Connector Position Assurance, Green

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-33472-000 (PDF)</a>
<a href="#">Application Specification (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Drawing (PDF)</a>	



**General**

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

**Physical**

Circuits (maximum)	4
Circuits Detail	4
Color - Resin	Black, Green, 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**  
 Not Reviewed  
**Halogen-Free Status**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

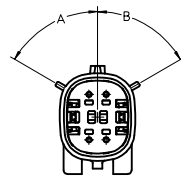
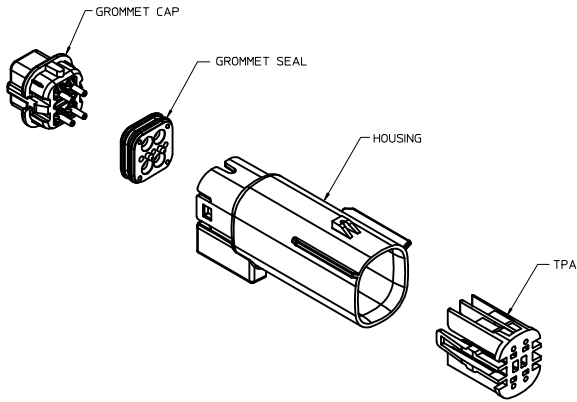
33482Series

**Mates With**

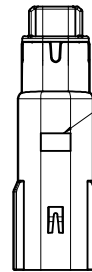
33472 Female Dual Row Sealed Connector

**Use With**

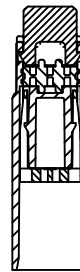
33000 MX150™ Tin (Sn) Male Terminal,  
33011 Gold (Au) Male Terminal



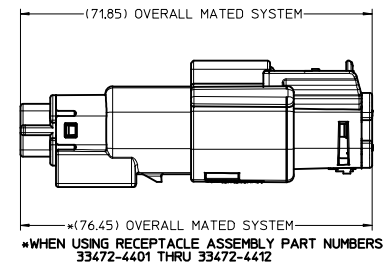
KEYING OPTION  
SEE TABLE  
SCALE 2:1



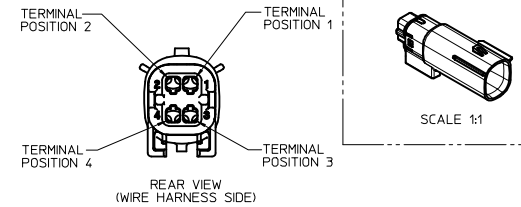
OPTIONAL TRACEABILITY  
INFORMATION LOCATED IN  
THIS AREA



SECTION A-A

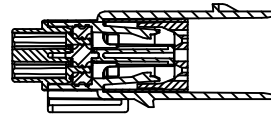


\*WHEN USING RECEPTACLE ASSEMBLY PART NUMBERS  
33472-4401 THRU 33472-4412

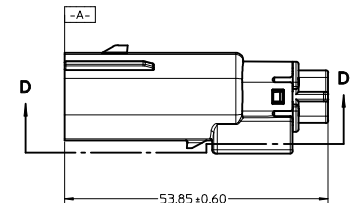
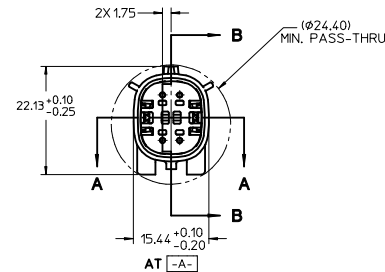


REAR VIEW  
(WIRE HARNESS SIDE)

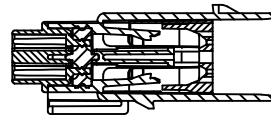
SCALE 1:1



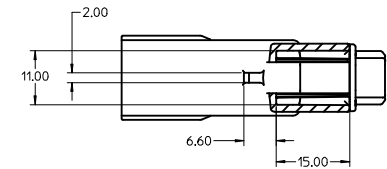
SECTION B-B  
(BLADE INSERT SHOWN IN FULL-LOCK POSITION)  
SEE NOTE 2



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

<b>REDRAWN</b> IEC NO. UAU2010-0100 DRAWN BY RFF/IHS 2009/08/06 CHKD SVRZYL 2009/08/06 APPR:VKOSHY 2009/08/12	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.10 ± ---	1 PLACE ± 0.3 ± ---	DRAWN BY MYANSLAMBROU 04-27-06	DATE 04-27-06	TITLE <b>MX150 BLADE CONNECTOR ASSEMBLY 2 ROW SEALED 4 WAY</b>	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. <b>SEE TABLE</b>		APPROVED BY SMARCEAU 06-22-06	DATE 06-22-06	MOLEX INCORPORATED	
		DOCUMENT NO. <b>SD-33482-041</b>		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)

<b>ENTER DESCRIPTION</b> IEC NO. UAU2010-0100 DRAWN BY MYANSLAMBROU CHECKED BY DGRIFITHS CHYKOSVERZYL APPR:VKOSHY 2009/08/06 2009/08/06 2009/08/12	<b>QUALITY SYMBOLS</b> = 0 = 0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> <table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>± .10</td><td>± .004</td></tr> <tr><td>3 PLACES</td><td>± .15</td><td>± .005</td></tr> <tr><td>2 PLACES</td><td>± 0.10</td><td>± .004</td></tr> <tr><td>1 PLACE</td><td>± 0.3</td><td>± .012</td></tr> </table>			mm	INCH	4 PLACES	± .10	± .004	3 PLACES	± .15	± .005	2 PLACES	± 0.10	± .004	1 PLACE	± 0.3	± .012	<b>DIMENSION STYLE</b> <b>MM ONLY</b>	<b>SCALE</b> <b>2:1</b>	<b>DESIGN UNITS</b> <b>METRIC</b>	<b>THIRD ANGLE PROJECTION</b>
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<b>APPROVED BY</b> SMARCEAU DATE 06-22-06		<b>MATERIAL NO.</b> <b>SD-33482-041</b>		<b>DOCUMENT NO.</b> <b>SD-33482-041</b>		<b>MOLEX INCORPORATED</b>																
<b>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</b>																						