

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0334822003

Status:

Active

Overview:

[mx150_sealed_connector_system](#)

Description:

3.50mm (.138") Pitch MX150™ Sealed Male Connector, Dual Row, 20 Circuits, Polarization C, without Connector Position Assurance, Gray



Series

image - Reference only

Documents:

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

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)	20
Circuits Detail	20
Color - Resin	Black, Brown, 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
Pitch - Term. Interface (in)	0.138 In
Pitch - Term. 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-33482-201

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
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

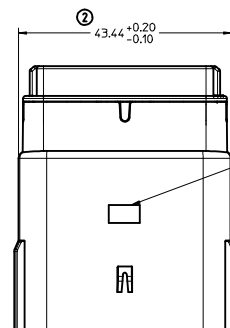
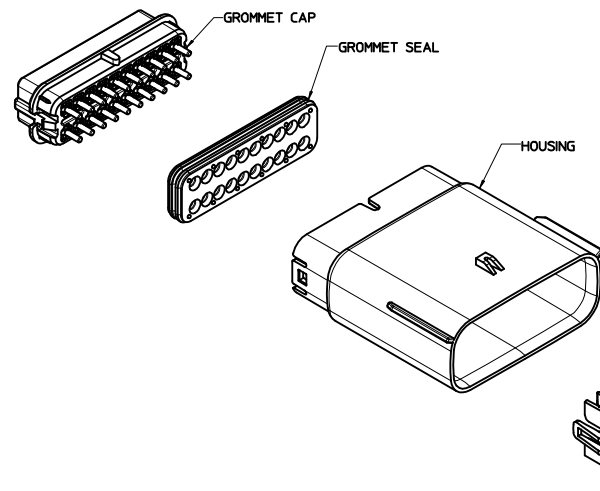
Search Parts in this Series
33482Series

Mates With
33472 Female Dual Row Sealed Connector

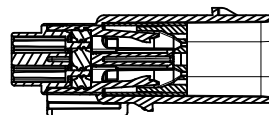
Use With
33000 MX150™ Tin (Sn) Male Terminal,
33011 Gold (Au) Male Terminal

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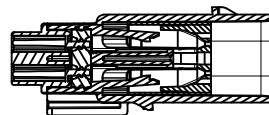
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



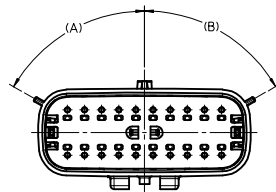
OPTIONAL TRACEABILITY
INFORMATION LOCATED IN
THIS AREA



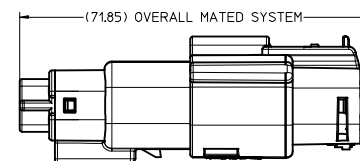
SECTION B-B
(BLADE INSERT SHOWN
IN FULL-LOCK POSITION)
SEE NOTE 2



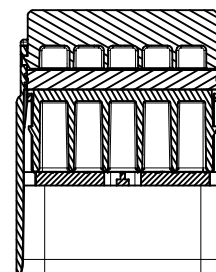
SECTION D-D
(BLADE INSERT SHOWN
IN PRE-LOCK POSITION)
SEE NOTE 2



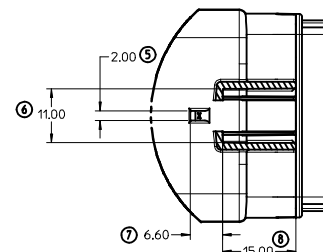
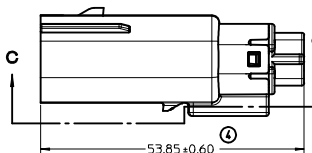
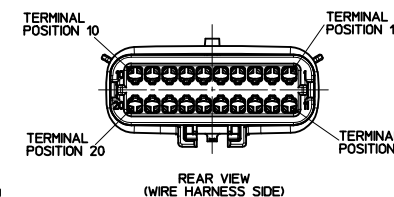
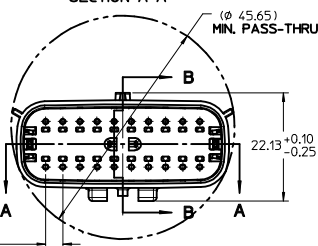
KEYING OPTION
SEE TABLE
SCALE 2:1



SCALE 1:1



SECTION A-A



SECTION C-C

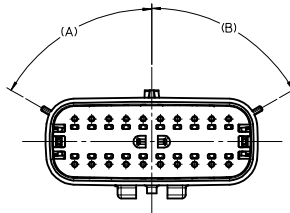
NOTES: UNLESS OTHERWISE STATED

1. DESIGNED TO MATE WITH RECEPTACLE HOUSING ASSEMBLY SPECIFIED IN MOLEX CHARTED DRAWING SD-33472-201.
2. ASSEMBLY SHIPPED WITH BLADE INSERT IN PRE-LOCKED POSITION (SEE SECTION D-D PRE-LOCK). UPON FULL TERMINAL ASSEMBLY EACH BLADE INSERT MUST BE SNAPPED INTO ITS FINAL-LOCK POSITION. FOR TO MOVE INSERT FROM FINAL TO PRE-LOCK POSITION: 75 N MAX.
3. FOR BLADE TERMINALS TO BE USED WITH THIS ASSEMBLY. SEE DRAWING SD-33000-001.
4. SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.5mm TO 2.5mm.
5. MATERIAL: SPS/NYLON BLEND, 20% GLASS FILLED.
6. SHALL CONFORM TO PACKAGING SPECIFICATION PK-31300-635.
7. SHALL CONFORM TO PRODUCT SPECIFICATION PS-33472-000.
8. 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.

REDAWN EC NO: UAU2009-0814 DRAWN: THERLUTH 2009/02/20 CHKD: SMITH 2009/02/20 APPR: TANGELLOTTI 2009/02/23	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			4 PLACES ±	mm	INCH	DRAWN BY DGRIF11THS	DATE 06-17-03	TITLE MX150 BLADE CONNECTOR ASSEMBLY 2 ROW SEALED, 20 WAY	
			3 PLACES ±	mm	INCH	CHECKED BY DGRIF11THS	DATE 06-17-03		
			2 PLACES ±	mm	INCH	APPROVED BY DGRIF11THS	DATE 06-17-03		
			ANGULAR ± 3 °		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-33482-201		SHEET NO. 1 OF 2
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		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	COLOR	KEYING OPTION	DIMENSIONS		CAVITY TYPE & STATUS (X = PLUGGED)																			
			A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
33482-2001	BLACK	A	60°	60°																				
33482-2002	LT.GRAY	B	25°	60°																				
33482-2003	BROWN	C	60°	25°																				
33482-2004	GREEN	D	25°	25°																				
33482-2005	CUSTOM	TBD																						
33482-2006	BLACK	A	60°	60°																				X
33482-2007	BLACK	A	60°	60°											X									
33482-2008	BLACK	A	60°	60°				X	X	X	X						X	X	X	X				
33482-2009	BLACK	A	60°	60°							X													
33482-2010	BLACK	A	60°	60°											X	X	X							X
33482-2011	BLACK	A	60°	60°			X	X																X
33482-2012	BLACK	A	60°	60°			X	X							X	X	X							X
33482-2013	BLACK	A	60°	60°			X	X							X	X	X	X	X					X
33482-2014	BLACK	A	60°	60°				X	X	X							X					X		X
33482-2015	BLACK	A	60°	60°				X	X	X										X				
33482-2016	BLACK	A	60°	60°				X														X	X	X
33482-2017	BLACK	A	60°	60°																		X	X	X
33482-2018	BLACK	A	60°	60°											X		X	X	X				X	
33482-2019	BLACK	A	60°	60°				X	X									X			X			
33482-2020	BLACK	A	60°	60°				X	X	X	X						X			X	X	X	X	X
33482-2021	BLACK	A	60°	60°			X	X	X	X	X						X			X	X	X	X	X
33482-2022	BLACK	A	60°	60°				X	X	X							X							X
33482-2023	BLACK	A	60°	60°											X	X	X							X
33482-2024	BLACK	A	60°	60°														X	X	X				X
33482-2025	BLACK	A	60°	60°											X			X		X		X		



KEYING OPTION
SEE TABLE
SCALE 2:1

ENTER DESCRIPTION IEC NO: UAU2009-0814 DRAWN: THEPURTH 2009/02/20 CHKD: SM TH 2009/02/20 APPR: TANIELLOTTI 2009/02/23	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
REV 1	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 9999999999		DOCUMENT NO. SD-33482-201		SHEET NO. 2 OF 2	

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