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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0334820601
Status: Active
Overview: mx150_sealed_connector_system
Description: 3.50mm (.138") Pitch MX150™ Sealed Male Connector, Dual Row, 6 Circuits, Polarization A, without Connector Position Assurance, Black



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)	6
Circuits Detail	6
Color - Resin	Black, 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

Material Info

Reference - Drawing Numbers

Application Specification	AS-33472-100
Packaging Specification	PK-30907-811, PK-31300-635
Product Specification	PS-33472-000
Sales Drawing	ES-E1AB-14A485-AA, SD-33482-061

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Not Reviewed

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.

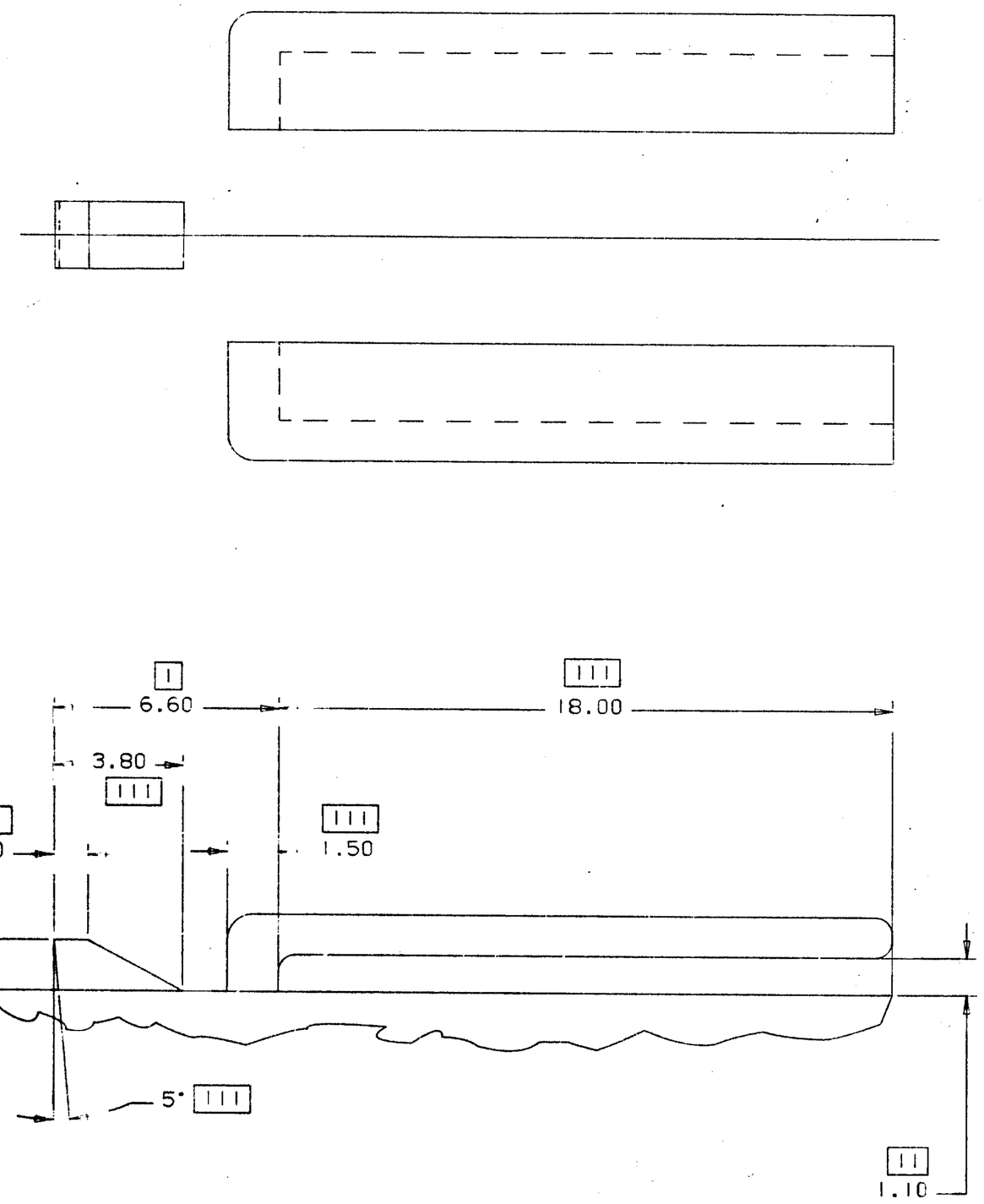
Search Parts in this Series
33482Series

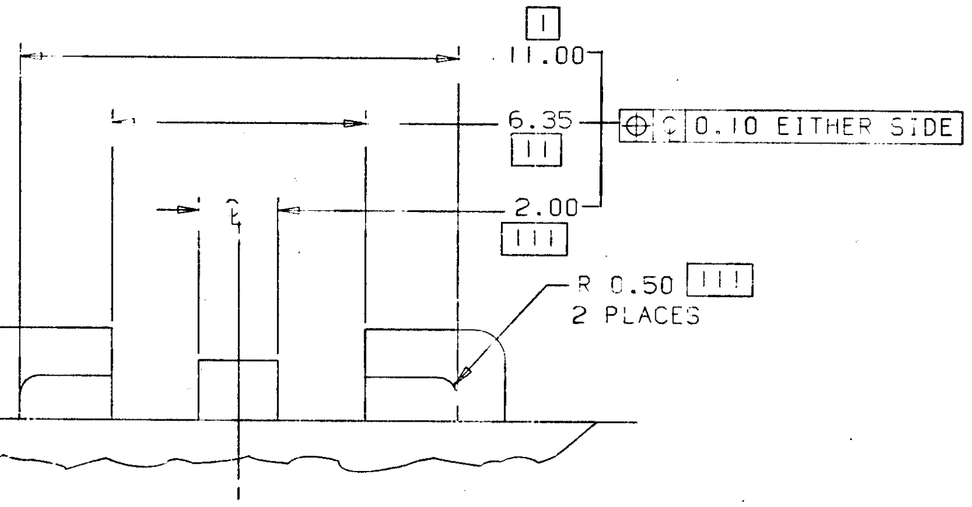
Mates With
33472 Female Dual Row Sealed Connector

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

This document was generated on 05/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION





VIEW OF WIRE END OF CONNECTOR

NOTES: UNLESS OTHERWISE SPECIFIED

GENERAL TOLERANCES:
±0.10 ALL TWO PLACE DIMENSIONS
±0.3 ALL ONE PLACE DIMENSIONS
±1.0° ALL ANGULAR DIMENSIONS

0.5° MAXIMUM DRAFT ANGLE

0.3 MAXIMUM RADIUS PERMISSIBLE ON ALL EDGES AND FILLETS SHOWN AS SHARP

ALL RADII 0.8

WALL THICKNESS 1.3–1.0

DATE	LET	REVISIONS	DR	CK	APP
11-19-79		RELEASED COMPLETE			
11-19-79		AK1-6000 #86			

NO ES-EIAB-14A485-AA

Ford PRODUCT ENGINEERING

MILLIMETRES ON ORIGINAL FORMAT A1
10 20 30 40 50 60 70 80 90 100 110 120 130 140
DO NOT SCALE — ABOVE SCALE FOR REFERENCE ONLY

REF

DRAWN BY	DATE	CHECKED	SCALE	APPROVED	CODE
Semin	11-8-79		TEN		MA

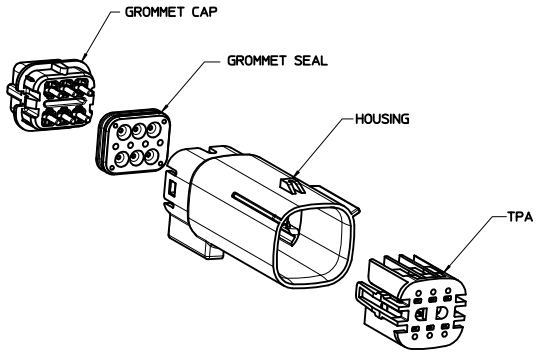
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETRES
MACHINED DIM.±
ANGULAR DIM.±
3rd ANGLE PROJECTION
STAMPED DIM.±
DIM.±

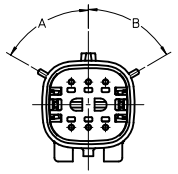
MATERIAL — SS — APP — DATE

NAME SPECIFICATION - RETAINER - WIRE CONNECTOR SLEEVE

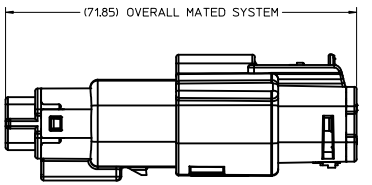
NO ES-EIAB-14A485-AA

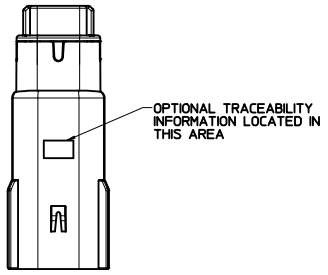
ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	DIMENSIONS (DEGREES)		CAVITY TYPE & STATUS (X = PLUGGED)						STATUS
			A	B	1	2	3	4	5	6	
33482-0601	BLACK	A	60	60							SALEABLE
33482-0602	LT.GRAY	B	25	60							DESIGN CONCEPT
33482-0603	BROWN	C	60	25							DESIGN CONCEPT
33482-0604	GREEN	D	25	25							DESIGN CONCEPT
~~33482-0605~~				VOIDED							
33482-0606	BLACK	A	60	60			X				SALEABLE
33482-0607	LT.GRAY	B	25	60			X				DESIGN CONCEPT
33482-0608	BROWN	C	60	25			X				DESIGN CONCEPT
33482-0609	GREEN	D	25	25			X				DESIGN CONCEPT
~~33482-0610~~				VOIDED							
33482-0611	BLACK	A	60	60			X	X			SALEABLE
33482-0612	LT.GRAY	B	25	60			X	X			DESIGN CONCEPT
33482-0613	BROWN	C	60	25			X	X			DESIGN CONCEPT
33482-0614	GREEN	D	25	25			X	X			DESIGN CONCEPT
~~33482-0615~~				VOIDED							
33482-0616	BLACK	A	60	60			X				SALEABLE
33482-0617	BLACK	A	60	60		X					SALEABLE
33482-0618	BLACK	A	60	60					X	X	SALEABLE
33482-0619	BLACK	A	60	60		X	X	X	X		SALEABLE
33482-0620	BLACK	A	60	60	X	X	X	X	X	X	SALEABLE
33482-0621	BLACK	A	60	60	X			X	X		SALEABLE
33482-0622	BLACK	A	60	60				X	X	X	SALEABLE
33482-0623	BLACK	A	60	60					X		SALEABLE
33482-0624	BLACK	A	60	60						X	SALEABLE
33482-0625	LT.GRAY	B	25	60	X				X		DESIGN CONCEPT
33482-0626	BLACK	A	60	60	X	X	X	X			SALEABLE
33482-0627	BLACK	A	60	60		X	X		X	X	SALEABLE

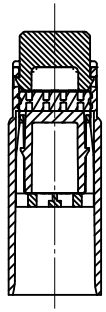




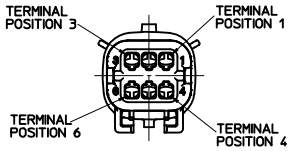
KEYING OPTION
SEE TABLE
SCALE 2:1







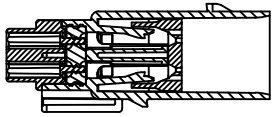
SECTION A-A



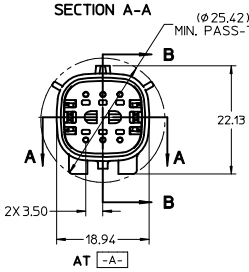
REAR VIEW
(WIRE HARNESS SIDE)

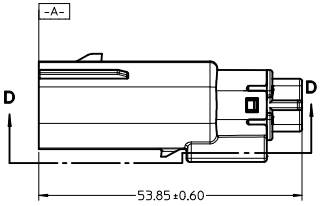


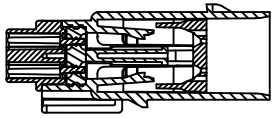
SCALE 1:1



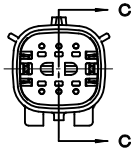
SECTION B-B
(BLADE SHOWN IN FULL-LOCK POSITION)
SEE NOTE 2

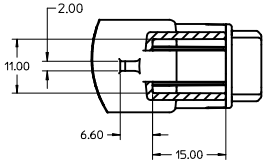






SECTION C-C
(BLADE SHOWN IN PRE-LOCK POSITION)
SEE NOTE 2





SECTION D-D

NOTES: UNLESS OTHERWISE SPECIFIED

1. DESIGNED TO MATE WITH RECEPTACLE HOUSING ASSEMBLY SPECIFIED IN MOLEX CHARTED DRAWING SD-33472-061.
2. ASSEMBLY SHIPPED WITH BLADE INSERT IN PRE-LOCK POSITION (SEE SECTION D-D PRE-LOCK). UPON FULL TERMINAL ASSEMBLY, EACH BLADE INSERT MUST BE SNAPPED INTO ITS FINAL-LOCK POSITION.
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.

REDRAWN
EC NO: UAU2010-1806 2010/06/03
DRWN:AHU01 2010/06/03
CHKD:DGRIFFITHS 2010/06/11
APPR:VKOSHY
DESCRIPTION
REV
X

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.3	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: DMARCOUX DATE: 06-17-02
CHECKED BY: DGRIFFITHS DATE: 06-17-02
APPROVED BY: VKOSHY DATE: 2010/03/12

TITLE: MX150 BLADE CONNECTOR ASSEMBLY 2 ROW SEALED, 6 WAY

MOLEX INCORPORATED

MATERIAL NO.: AS NOTED
DOCUMENT NO.: SD-33482-061
SHEET NO.: 1 OF 1
SIZE: D

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