

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0334810201

Status:

Active

Overview:

mx150_sealed_connector_system

Description:

3.50mm (.138") Pitch MX150™ Sealed Male Connector, Single Row, 2 Circuits, Polarization A, without Connector Position Assurance, Black



Series

image - Reference only

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Housings
Series	33481
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)	2
Circuits Detail	2
Color - Resin	Black
Gender	Male
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Modified Polystyrene Alloy
Number of Rows	1
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-31300-635
Sales Drawing	ES-E1AB-14A485-AA, SD-33481-021

<u>EU RoHS</u>	<u>China RoHS</u>
Compliance Status	
Not Reviewed	
REACH SVHC	
Not Reviewed	
Halogen-Free	
Status	
Halogen-Free	

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

33481Series

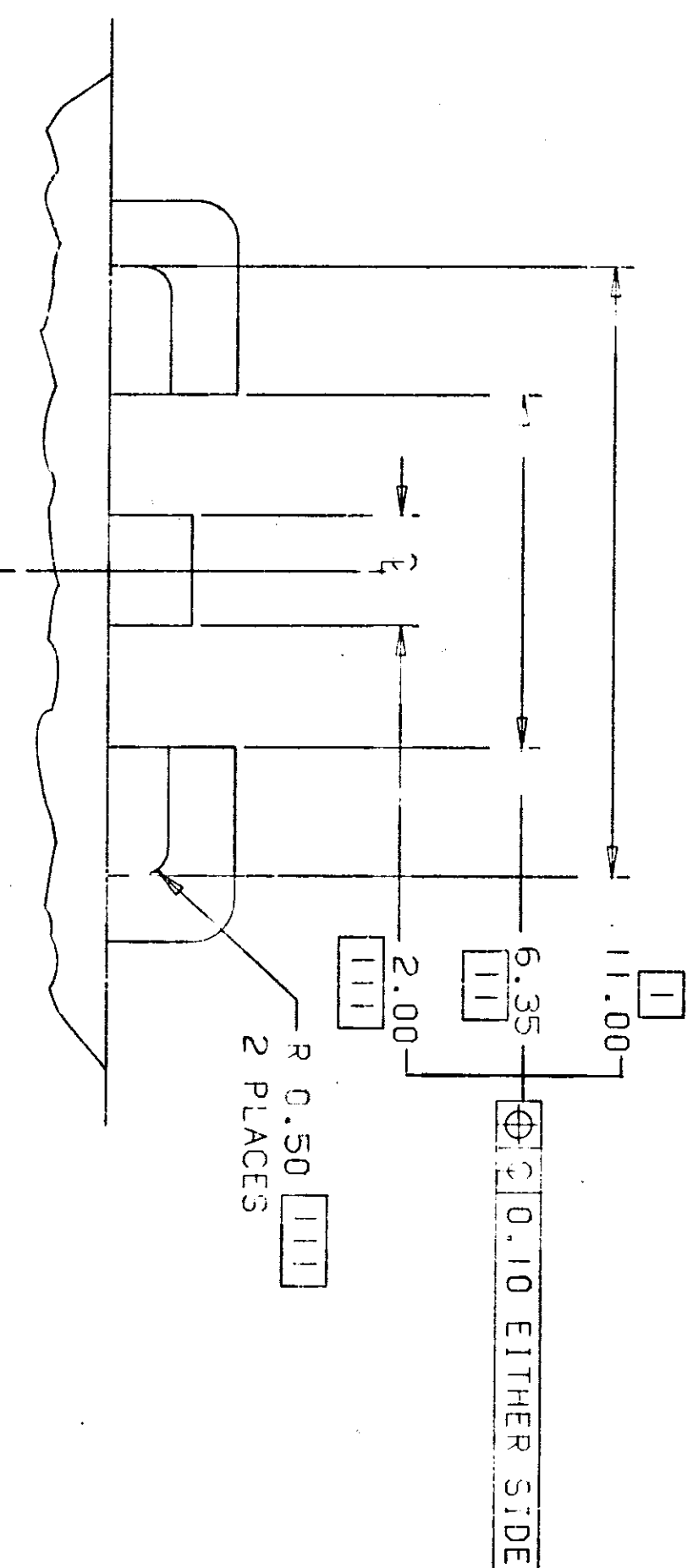
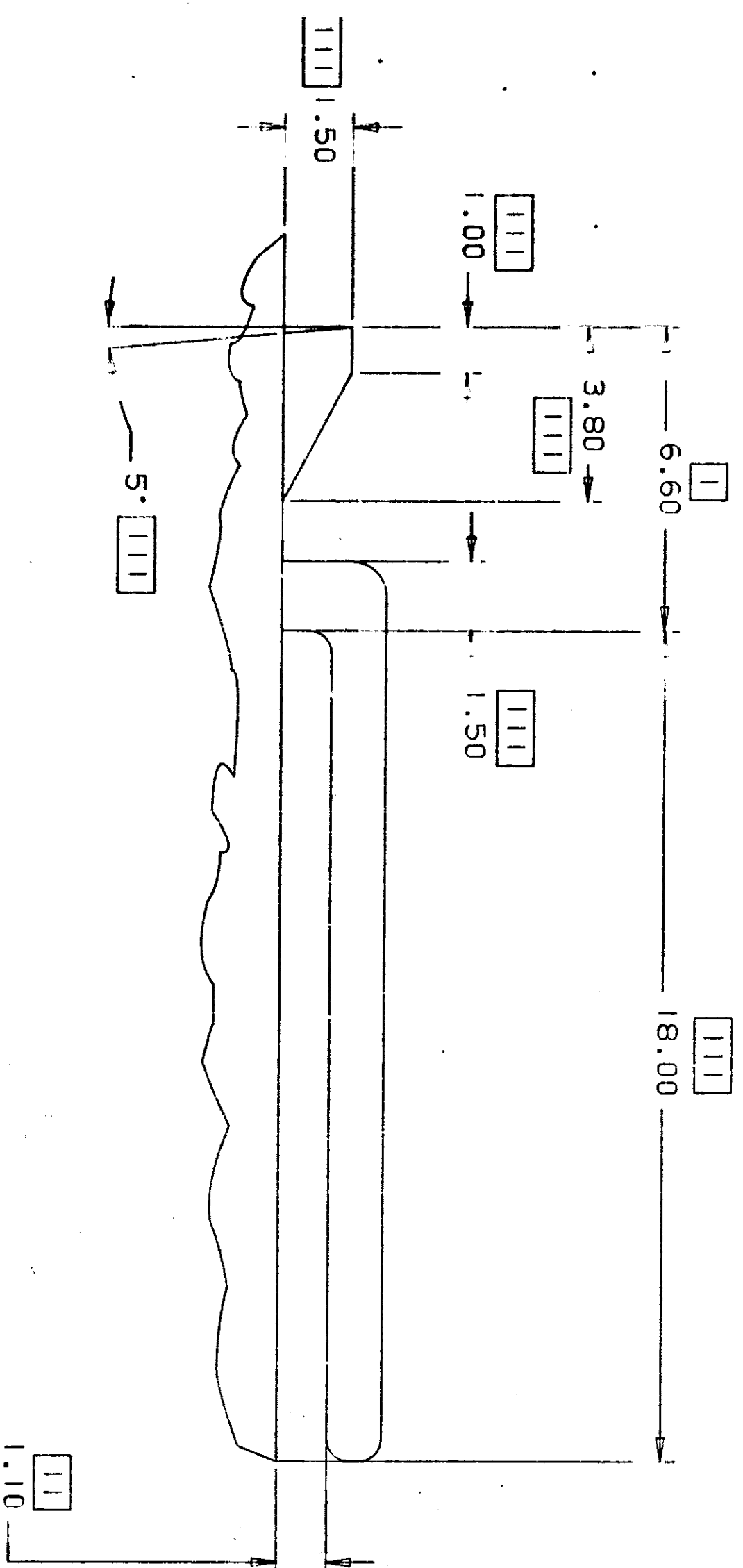
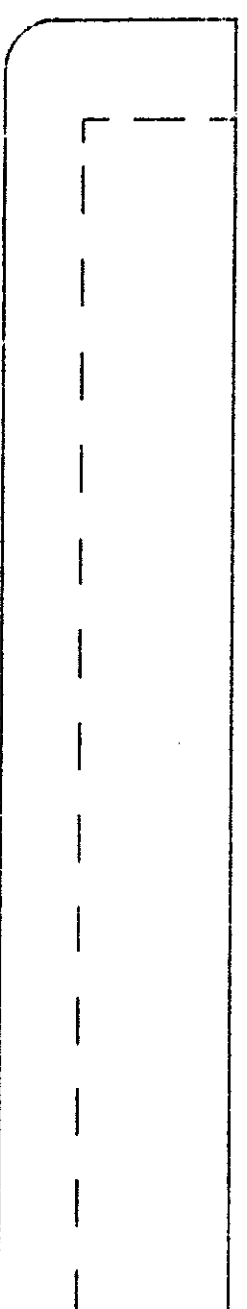
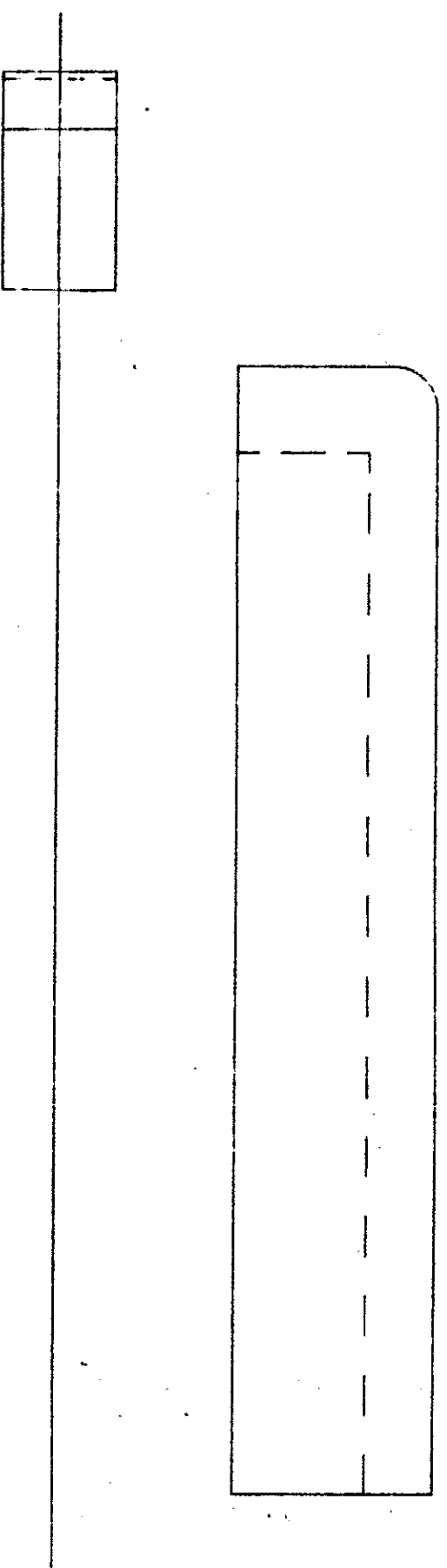
Mates With

33471 Female Single Row Sealed Connector

Use With

33000 MX150™ Male Terminal

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VIEW OF WIRE END OF CONNECTOR

NOTE: 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
11-18-77		RELEASED COMPLETE			
11-14-77		AKI-6000 #86			

NO. ES-EIAB-14A485-AA

PRODUCT ENGINEERING

10	20	30	40	50	60	70	80	90	100	110	120	130	140
MILLIMETRES ON ORIGINAL FORMAT - 1:1													
DO NOT SCALE ABOVE SCALE FOR REFERENCE ONLY													
REF													
DRAWN BY	DATE	CHECKED	SCALE	APPROVED	CODE								
Smith	11-8-77	CE	1/2" = 1"	MA									

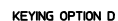
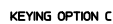
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETRES
MACHINED DIM. ±
ANGULAR DIM. ±

MATERIAL

DATE

NAME SPECIFICATION - RETAINER - WIRE
CONNECTOR SLEEVE

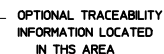
NO. ES-EIAB-14A485-AA



PLR INSERT SHOWN IN PRE - LOCK POSITION



PLR SHOWN IN FINAL - LOCK POSITION



TERMINAL
POSITION 1



- GROMMET SEAL

- HOUSING

- PLA

- NOTES: UNLESS OTHERWISE SPECIFIED

1. GENERAL: SHALL CONFORM TO THE FOLLOWING

- a. SHALL CONFORM TO MOLEX PRODUCT SPECIFICATION: PS-33471-000
- b. PACKAGING SPECIFICATION: PK-31300-635
- c. APPLICATION SPECIFICATION: AS-33472-100
- d. FOR MATING CONNECTOR ASSEMBLIES SEE MOLEX PRODUCT SPECIFICATION: PS-33471-0002
- e. FOR APPROPRIATE TERMINALS AND WIRE SIZES TO BE USED WITH THIS ASSEMBLY
SEE MOLEX PRODUCT SPECIFICATION: PS-33471-000
- f. FOR CAVITY PLUGS TO BE USED WITH THIS ASSEMBLY
SEE MOLEX DRAWING: SD-33435-001
- g. FOR TERMINAL SERVICING TOOL SEE MOLEX DOCUMENT: ATS-638191500
- h. ASSEMBLY SHIPPED WITH THE PLR IN PRE-LOCK POSITION UPON FULL
TERMINAL ASSEMBLY EACH PLR MUST BE SNAPPED INTO FINAL-LOCK POSITION.
IN THE EVENT THE PLR IS FOUND IN THE FINAL-LOCK (SEATED) POSITION
REFER TO MOLEX SPECIFICATION PS-34666-001 AVAILABLE AT WWW.MOLEX.COM

- ## 2. DESIGN MATERIAL:

- A. HOUSING: SPS/NYLON BLEND, 20% GLASS FILLED, 20 % MAX REGRIND
COLOR: SEE TABLE
- B. PLR: SPS/NYLON BLEND, 20% GLASS FILLED, 20 % MAX REGRIND
COLOR: SEE TABLE
- C. GROMMET CAP: SPS/NYLON BLEND, 20% GLASS FILLED, 20 % MAX REGRIND
COLOR: SEE TABLE
- D. GROMMET SEAL: INHERENTLY LUBRICATED SILICONE, 30 DUROMETER
COLOR: SEE TABLE

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OR

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