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Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Board**

Number of Positions: **50**

Centerline (Pitch): **2.16 mm [.085 in]**

Number of Rows: **2**

[All D-Sub Shielded Receptacle Assembly: Right Angle, 2.16mm \(20\)](#)

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	50
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

Assembly Process Feature Material	Carbon Steel
Shield Plating Finish	Bright
Shield Plating Material	Nickel
Shield Material	Copper-Zinc Alloy



Connector Profile	Standard
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Contact Features

	30 µin
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	3.5 A

Termination Features

Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Rectangular Termination Post & Tail Width	.5 mm[.019 in]
Termination Post & Tail Length	2.29 mm[.09 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Assembly Process Feature Plating Material	Tin
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	4-40 Tapped Holes
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	2.16 mm[.085 in]

Dimensions

Panel Thickness (Recommended)	1.57 mm[.062 in]
	.062 in
Row-to-Row Spacing	4.3 mm[.169 in]

Usage Conditions

Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
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Operation/Application

Shielded	Yes
Circuit Application	Signal

Packaging Features



Packaging Quantity	40
Packaging Method	Package

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Customers Also Bought



TE Part # 1-406541-1
MJ,INV,1X1,6PNL G.,100"ST,SN

TE Part # 1857989-1
Z-PACK/A F-HDR.110P EON

TE Part # 2178531-4
Crown Clip Junior AG Plating Reflow

TE Part # 2204167-1
MBXLE R/A RCPT,A/C PASS THRU 4ACP+12S+3P

TE Part # 5406203-1
MJ ASSY,4P,8POS,SH,CAT5,NS P/O

TE Part # 1367627-8
light pipe assy, 1x1 sfp

TE Part # 2159942-1
CA POWER CORDE

TE Part # 2301210-1
ZSFP+ STACKED 2X12 RCPT ASSY, EMI SPRING

TE Part # 3-2323270-1
zSFP+ STACKED BELLY TO BELLY, 2X8 RCPT

TE Part # 5-2267775-5
03 MODII HDR SR SFMT B/A T&R, lead-Free

Documents

Product Drawings
RCPT ASSY,LP,SHLD,RA50,STD

English

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_6339447-7_B.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_6339447-7_B.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_6339447-7_B.3d_stp.zip

English

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Product Specifications



Application Specification

English

Agency Approvals

UL

English