6339447-9 ✔ ACTIVE

CHAMP

TE Internal #: 6339447-9

50 Position D-Shaped Connector, Receptacle, Cable-to-Board, Board Mount, 2.16 mm [.085 in] Centerline, Printed Circuit Board, Signal

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Shielded Receptacle Assembly: Right Angle, 2.16mm



Number of Positions: **50**

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Board Mount**

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

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 Material	Nickel
Shield Plating Finish	Bright
Shield Material	Copper-Zinc Alloy
Connector Profile	Standard

Contact Features

	30 µin
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy

PCB Contact Termination Area Plating Material	Tin
Contact Shape & Form	Rectangular
Contact Current Rating (Max)	3.5 A
Contact Options	Installed

Termination Features

Rectangular Termination Post & Tail Width	.5 mm[.019 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.18 mm[.125 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

	.062 in
Row-to-Row Spacing	4.3 mm[.169 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

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: JUNE 2025 (250) Candidate List Declared Against: JAN 2021 (211) 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



TE Part # 229974-1
ASSY, PLUG, 50 POS, B SLOT

Customers Also Bought



TE Part #1888247-2
20 POS SMT CONN, SFP/SFP+, 15A



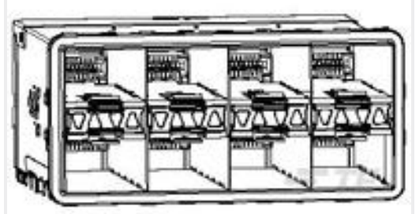
TE Part #2007178-1
SFP+ 1x4 Cage Assembly, Light



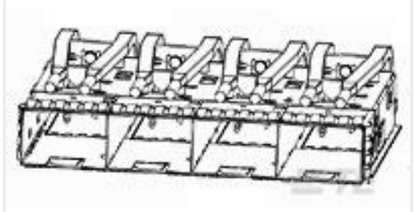
TE Part #2-2013310-1
EMBOSS TAPE DDR3 204P 9.2H STD



TE Part #2170704-4
CAGE ASSY, QSFP28 1X1, SPRING, HS



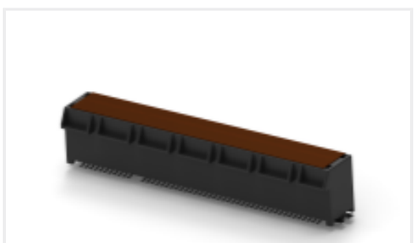
TE Part #2180324-2
zSFP+ STACKED 2X4 RECEPTACLE ASSEMBLY



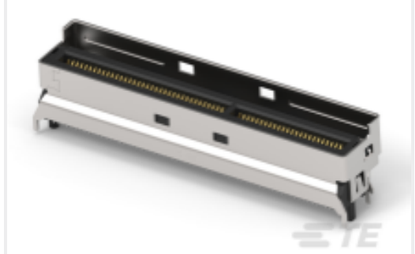
TE Part #2227729-1
zSFP+ 1x4 Cage Assy, Press-Fit, LP



TE Part #2289129-3
ZQSFP+ CAGE& CONN 2X2, EMI SPRING, 4 LP



TE Part #4-2337939-7
PCIE GEN4 CON,SMT,98POS,15u", MYLAR,HT



TE Part #2381578-7
MCIO INTERGRATED CONN, V/T, 124P SMT TYPE

TE Part #2380138-1
SFP+ 1X1 CAGE ASSEMBLY, TAIL, LIGHT PIPE

Documents

Product Drawings

RCPT ASSY,LP,SHLD,RA50,ILL,RVS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6339447-9_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6339447-9_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6339447-9_B.3d_stp.zip

English

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Product Specifications

Application Specification

English