



Connectors > High Speed Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Cage Assembly**

Sealable: **No**

Circuit Application: **Signal**

Operating Temperature Range: **-55 – 105 °C [-67 – 221 °F]**

Data Rate (Max): **16 Gb/s**

Features

Product Type Features

Cage Type	Ganged
Thermal Accessory Type Included	Heat Sink
Pluggable I/O Product Type	Cage Assembly
Sealable	No
Form Factor	SFP+

Configuration Features

Number of Ports	4
Port Matrix Configuration	1 x 4

Electrical Characteristics

Data Rate (Max)	16 Gb/s
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Body Features

	.165 in
Heat Sink Style	Pin
Heat Sink Height Class	Networking Short

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	2.05 mm[.081 in]

Housing Features

Cage Material	Nickel Silver
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Dimensions

PCB Thickness (Recommended)	2.25 mm[.089 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Pluggable I/O Applications	SFP+ Enhanced
Heat Sink Compatible	Yes
Circuit Application	Signal

Packaging Features

Packaging Method	Package
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Other

Included Lightpipe	No
EMI Containment Feature Type	Internal/External EMI Springs

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

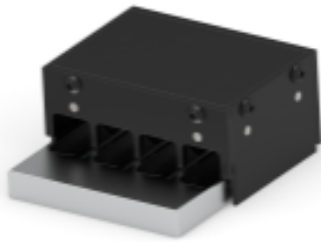
Product Compliance Disclaimer

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 # CAT-Q17-N490333 QSFP56-Four SFP56 Cable Assembly: 26 AWG	 TE Part # CAT-C11-N490333 QSFP28-Four SFP+ Cable Assembly: 30 AWG	 TE Part # CAT-C11-N490325 QSFP28-Four SFP+ Cable Assembly: 26 AWG	 TE Part # 2185251-1 STG TL SFP+ ENHANCED 1X4 HS LP
 TE Part # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG	 TE Part # CAT-C11-N4901114 SFP28 to SFP28 Cable Assembly: 30 AWG	 TE Part # 2821033-8 QSFP TO [4]SFP+, 28G, 1M, 33AWG	 TE Part # CAT-C11-H506 SFP+ to SFP+ I/O Cable Assembly: 26 AWG
 TE Part # 4-2334985-2 SFP56 DIRECT ATTACH CA, 1M, 32AWG	 TE Part # CAT-C11-H50626 SFP+ to SFP+ I/O Cable Assembly: 30 AWG	 TE Part # 2110759-1 PT CONN ASSY 20 POS 16G SFP	 TE Part # 2007099-1 SFP+ 1x4 Light Pipe Assembly
 TE Part # 2007099-4 SFP+ 1x4 Light Pipe Assembly	 TE Part # CAT-C11-H5062 SFP+ to SFP+ I/O Cable Assembly: 28 AWG	 TE Part # 4-2821224-5 SFP56 DIRECT ATTACH CA, 3M, 26AWG	 TE Part # 2334985-2 SFP28 DIRECT ATTACH CA, 1M, 32AWG





TE Part # CAT-C11-N49011

SFP28 to SFP28 Cable Assembly: 26 AWG



TE Part # CAT-Q17-N49011

QSFP56-Four SFP56 Cable Assembly: 30 AWG

Customers Also Bought



TE Part #60620-1

CMNL PIN 20-14 TPBR L/P



TE Part #1410946-1

MULTI-GIG SOC. CAP SCREW, CUSTOMIZED HDW



TE Part #3-1445100-0

MICRO MNL HDR ASSY S/ROW LF



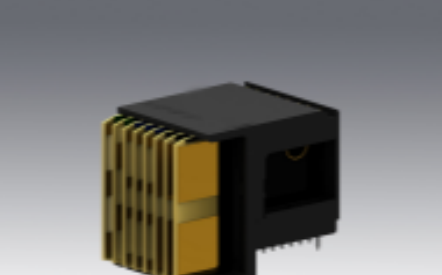
TE Part #1-1469492-9

MULTIGIG RT 9MM GUIDE/ESD UNKE



TE Part #4-1623732-7

BCHE 7 W 680R 5%



TE Part #2102772-2

Plug Assy, R Angle, 7Row, Left, MG, RUG



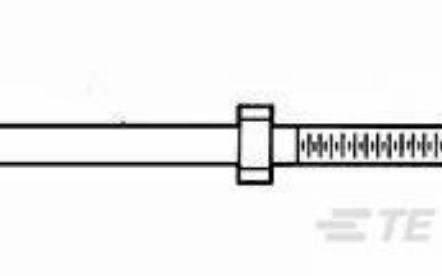
TE Part #5104340-9

A/L LOW PRO HDR 50P RA HT



TE Part #2-5767004-2

MICTOR RECEPT ASSY, 38 POS.



TE Part #532808-1

HDI GUIDE PIN KIT



TE Part #1878648-7

PM2100R

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2149730-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2149730-2_A.3d_igs.zip

English



Customer View Model

[ENG_CVM_CVM_2149730-2_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English