2299056-1 ✔ ACTIVE

TE Internal #: 2299056-1

SFP+, Cage Assembly, Signal, Operating Temperature Range -55 - 105 °C [-67 - 221 °F], Data Rate (Max) 16 Gb/s, 1 Ports

View on TE.com >

Connectors > 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

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

Configuration Features

Number of Ports	1
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max)	16 Gb/s

Body Features

Heat Sink Finish	Electroless Nickel
Heat Sink Height	3.5 mm[.137 in]
Heat Sink Height Class	Custom
Heat Sink Style	Slug

Termination Features

Termination Post & Tail Length	3 mm[.118 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Housing Features

Cage Material	Nickel Silver Alloy

Dimensions

PCB Thickness (Recommended)	1.5 mm[.059 in]

Usage Conditions

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

Operation/Application

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

Packaging Features

Packaging Method	Tray

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	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	Low Halogen - Br, Cl, F, I < 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-C11-N490333
QSFP28-Four SFP+ Cable Assembly: 30 AWG



TE Part # CAT-C11-N490325
QSFP28-Four SFP+ Cable Assembly: 26 AWG



TE Part # 2334985-2
SFP28 DIRECT ATTACH CA, 1M, 32AWG



TE Part # CAT-C11-N4901114
SFP28 to SFP28 Cable Assembly: 30 AWG



TE Part # CAT-C11-N49011
SFP28 to SFP28 Cable Assembly: 26 AWG



TE Part # CAT-Q17-N49011
QSFP56-Four SFP56 Cable Assembly: 30 AWG



TE Part # CAT-Q17-N490333
QSFP56-Four SFP56 Cable Assembly: 26 AWG



TE Part # 4-2821224-5
SFP56 DIRECT ATTACH CA, 3M, 26AWG



TE Part # 4-2334985-2
SFP56 DIRECT ATTACH CA, 1M, 32AWG

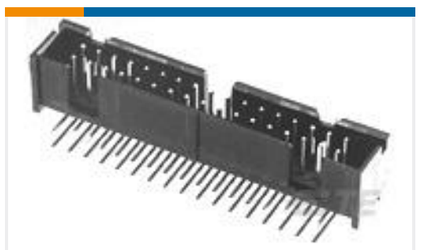


TE Part # 4-2821222-5
SFP56 DIRECT ATTACH CA, 2M, 30AWG

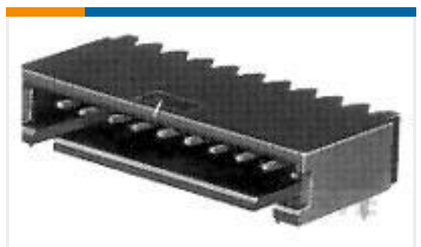


TE Part # 2821033-8
QSFP TO [4]SFP+, 28G, 1M, 33AWG

Customers Also Bought



TE Part # 5103310-5
A/L LOW PRO HDR 20P RA BLACK



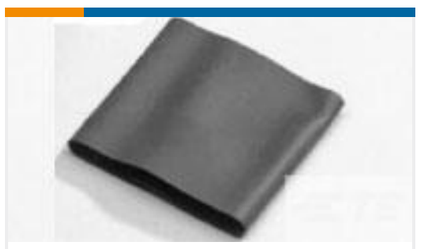
TE Part # 5-103361-3
05 MODII HDR SRRA SHRD LF



TE Part # 2-34148-1
PG R 22-16 COMM 22-18 MIL 8



TE Part # 2170088-1
ZSFP+ Connector,30u"



TE Part # 080745J001
V2-1.0-0-SP-SM



TE Part # 826631-3
3P AMPMODU II STIFT LEI



TE Part # 622012-000
D-144-12



TE Part # K1009421
Relay 26-08-08



TE Part # 364254-E
SRCBUG A 2,54 2 8 CSI 112 E1 ADV J 2 324



TE Part # 464763-E
SRCROL A 2,54 2 C2022 500 137 * 9999 J 2

Documents

Product Drawings

SFP+ 1X1 CAGE ASSEMBLY AND CONN, PRESS-F

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2299056-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2299056-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2299056-1_A.3d_stp.zip

English

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Product Specifications

Product Specification

English