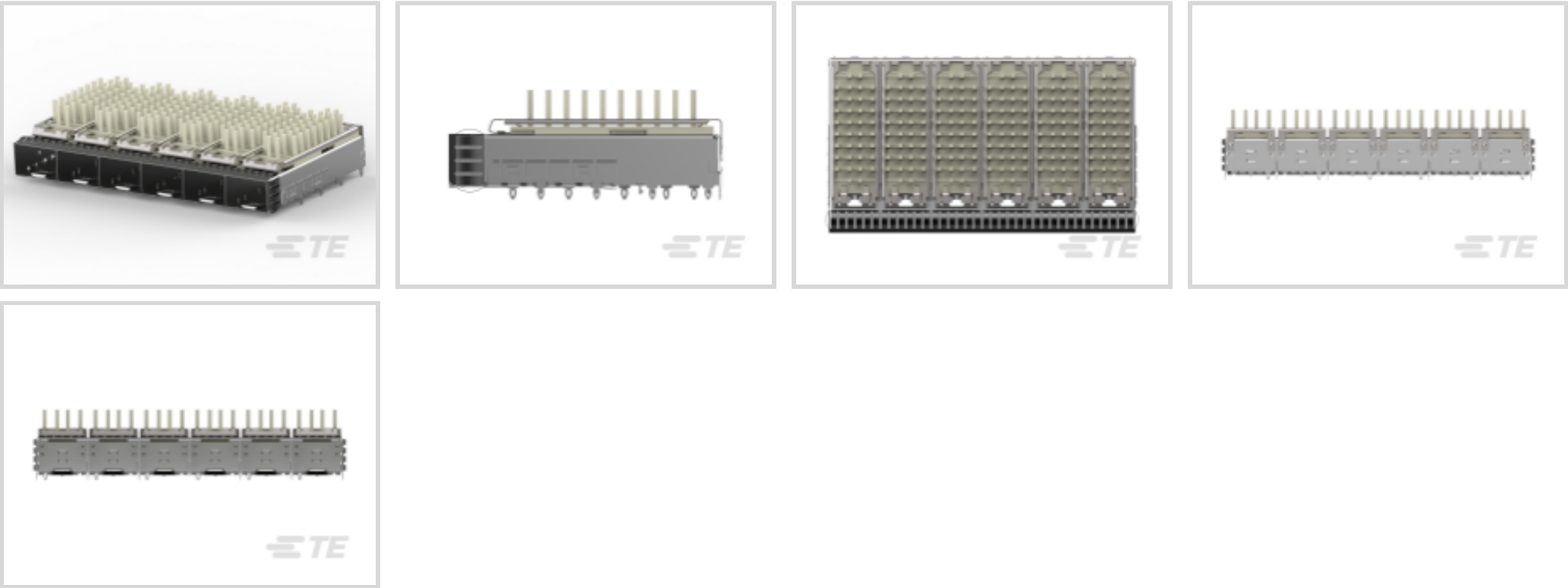




Connectors > Pluggable IO Connectors & Cages



Form Factor: **SFP+**

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

Sealable: **No**

Circuit Application: **Signal**

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

Features

Termination Features

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

Dimensions

PCB Thickness (Recommended)	2.25 mm[.089 in]
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Housing Features

Cage Material	Nickel Silver
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Body Features

Heat Sink Style	Pin
Heat Sink Height	9.1 mm[.358 in]
Heat Sink Height Class	Networking Short

Packaging Features

Packaging Method	Package
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Operation/Application

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

Product Type Features

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

Configuration Features

Number of Ports	6
Port Matrix Configuration	1 x 6

Electrical Characteristics

Data Rate (Max)	16 Gb/s
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Usage Conditions

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

Included Lightpipe	No
EMI Containment Feature Type	Internal/External EMI Springs
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free



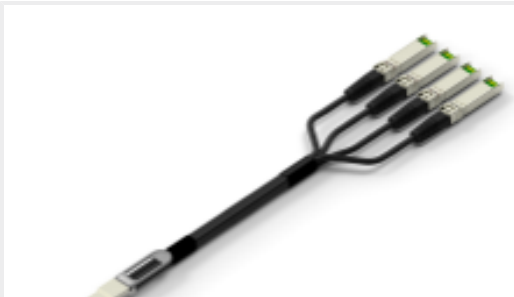
Solder Process Capability

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 # 2142970-7 CABLE ASSY, MICRO SFP+ TO STD SFP+, 6M	 TE Part # 2110743-1 SFP 1x6 Light Pipe Assy, Low Profile	 TE Part # CAT-C11-N4901114 SFP28 to SFP28 Cable Assembly: 30 AWG	 TE Part # 4-2821222-5 SFP56 DIRECT ATTACH CA, 2M, 30AWG
 TE Part # 2142970-4 CABLE ASSY, MICRO SFP+ TO STD SFP+, 3M	 TE Part # 2007174-2 SFP 1x6 Light Pipe Assy, Reduced Length	 TE Part # 2142970-2 CABLE ASSY, MICRO SFP+ TO STD SFP+, 1M	 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-H5062 SFP+ to SFP+ I/O Cable Assembly: 28 AWG	 TE Part # CAT-Q17-N49011 QSFP56-Four SFP56 Cable Assembly: 30 AWG	 TE Part # CAT-C11-N49011 SFP28 to SFP28 Cable Assembly: 26 AWG



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



TE Part # 2142970-6
CABLE ASSY, MICRO SFP+ TO STD SFP+, 5M



TE Part # 2142970-5
CABLE ASSY, MICRO SFP+ TO STD SFP+, 4M



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



TE Part # 2142970-1
CABLE ASSY, MICRO SFP+ TO STD SFP+, 0.5M



TE Part # CAT-C11-H50626
SFP+ to SFP+ I/O Cable Assembly: 30 AWG



TE Part # CAT-C11-H5
SFP+ to SFP+ I/O Cable Assembly: 24 AWG



TE Part # 2110759-1
PT CONN ASSY 20 POS 16G SFP

Customers Also Bought



TE Part #5787962-1
.8MM CHAMP STACK RCPT ASSY



TE Part #2169851-1
Heat Sink Clip, Ganged SFP+



TE Part #2169260-1
SFP+ 1x4 Cage Assy, Extended H



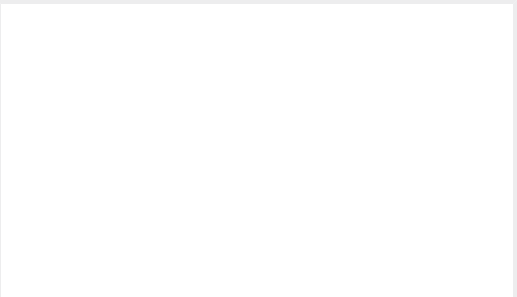
TE Part #2-928776-7
MOD2 STIFT M.A-PIN



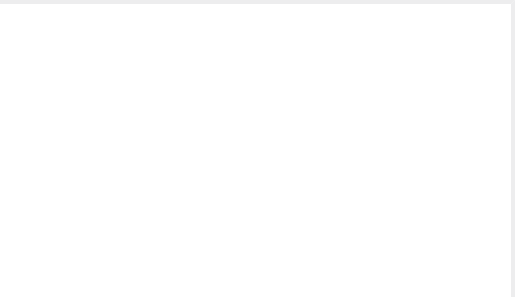
TE Part #2035239-1
HDR ASY, 54P,VRT,SMT LAC,GEN Y, KEY A-E



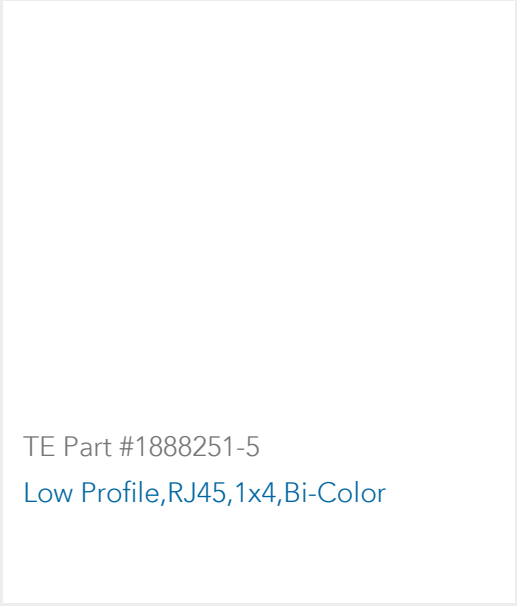
TE Part #2118016-2
PCB ANTENNAS, WLAN DUAL BAND T&R PKG



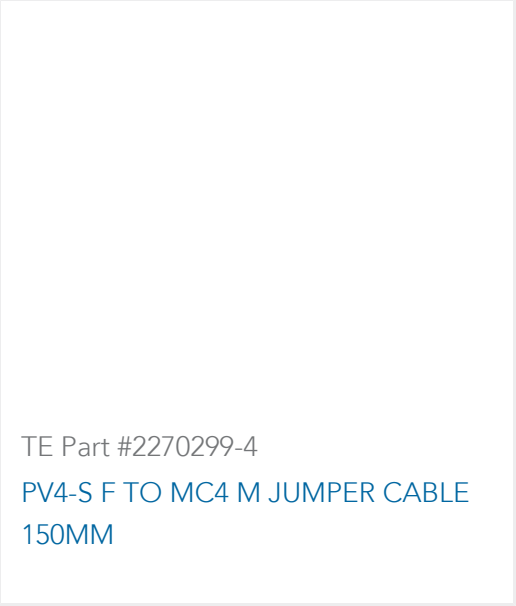
TE Part #1645680-1
ZP HS3 DB 06R REC 030P RE PD



TE Part #1645681-1
ZP HS3 DB 06R REC 030P LE PD



TE Part #1888251-5
Low Profile,RJ45,1x4,Bi-Color



TE Part #2270299-4
PV4-S F TO MC4 M JUMPER CABLE 150MM

Documents



CAD Files

Customer View Model

[ENG_CVM_CVM_2198235-3_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2198235-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2198235-3_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English