2227303-1 ✓ ACTIVE

TE Internal #: 2227303-1

SFP, Cage, Operating Temperature Range -55 – 85 °C [-67 – 185 ° F], Data Rate (Max) 4 Gb/s, 1 Ports, Port Matrix Configuration 1 x 1
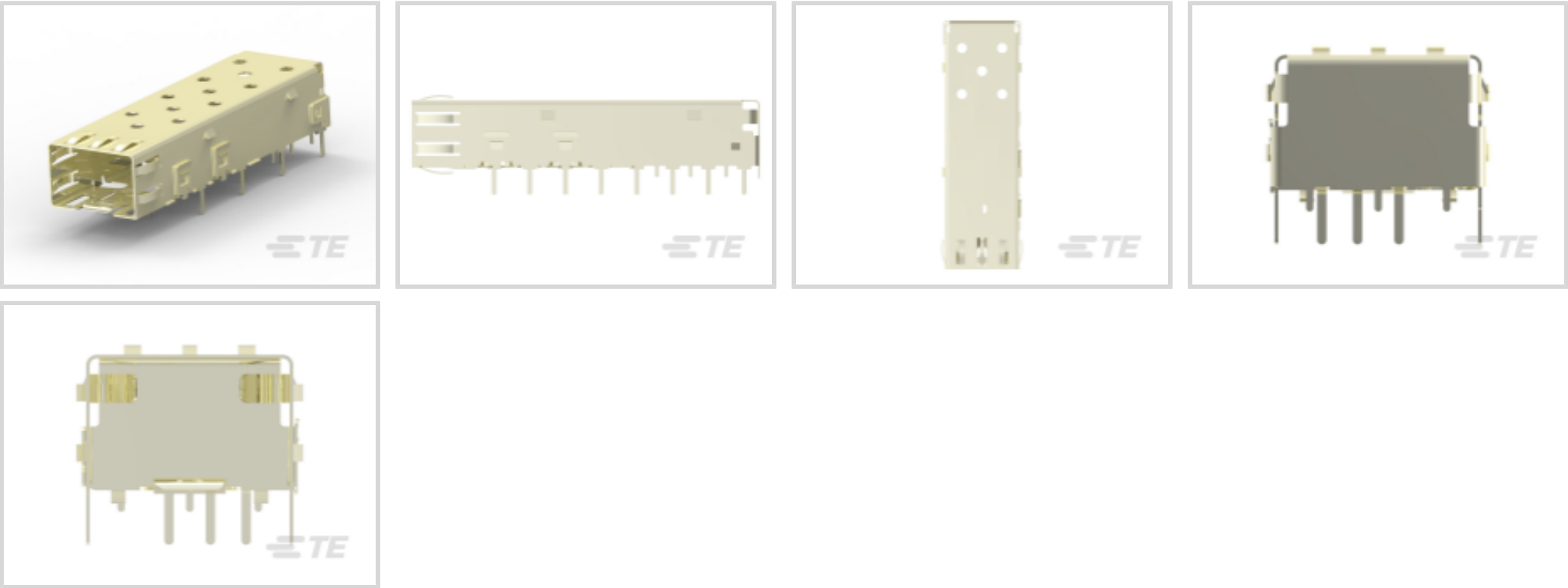
[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages

Form Factor: **SFP**

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

Sealable: **No**

Operating Temperature Range: **-55 – 85 °C [-67 – 185 °F]**

Data Rate (Max): **4 Gb/s**

Features

Product Type Features

Cage Type	Single
Form Factor	SFP
Pluggable I/O Product Type	Cage
Sealable	No

Configuration Features

Number of Ports	1
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max)	4 Gb/s

Contact Features

Tail Plating Material	Tin

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.56 mm[.14 in]

Housing Features

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Cage Material	Stainless Steel

Dimensions

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

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Pluggable I/O Applications	zSFP+ Thermally Enhanced
Heat Sink Compatible	No

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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	Wave solder capable to 260°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

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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
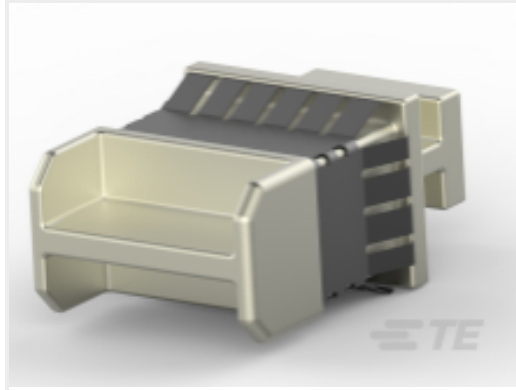
Compatible Parts

TE Part # 1761394-1
DUST COVER, SFP, GANGED & STACKED

TE Part # 1367147-3
SFP COVER, UNPL, NO LOGO

TE Part # 1367147-1
SFP COVER, UNPLATED

TE Part # 1888901-1
SFP+ EMI Plug

TE Part # CAT-SF59-C76264
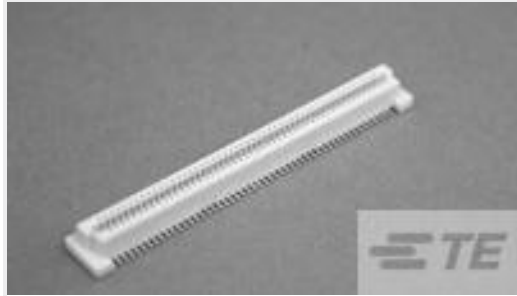SFP Connectors

Customers Also Bought

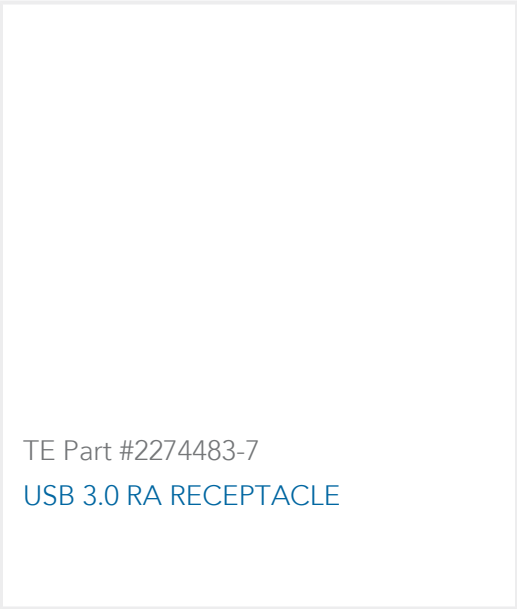TE Part #1735610-1
ASSY, SAS PLUG, SMT, 15+7+7P

TE Part #2327678-9
RECEPTACLE ASSY, 84 P, VERT, SLIVER 2.0

TE Part #5353999-2
0.8FH,R05H.5,060,30/Sn,TR,SC

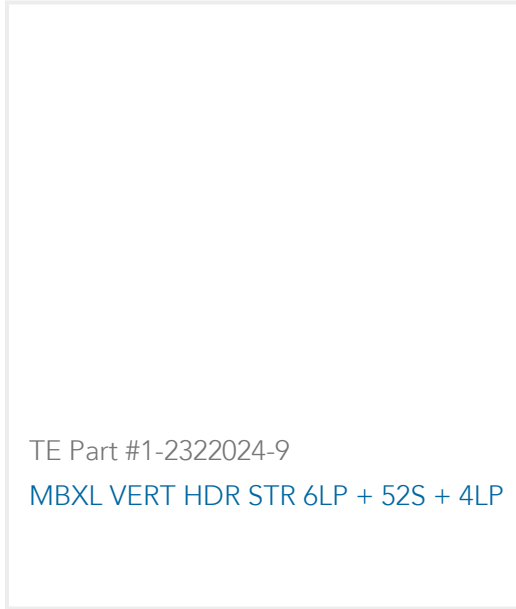TE Part #8-5353159-0
ON TAPING (EMBOSS) 0.5MM PITCH

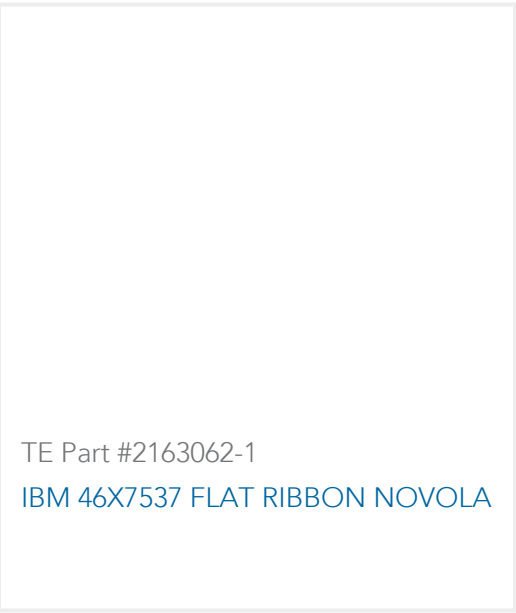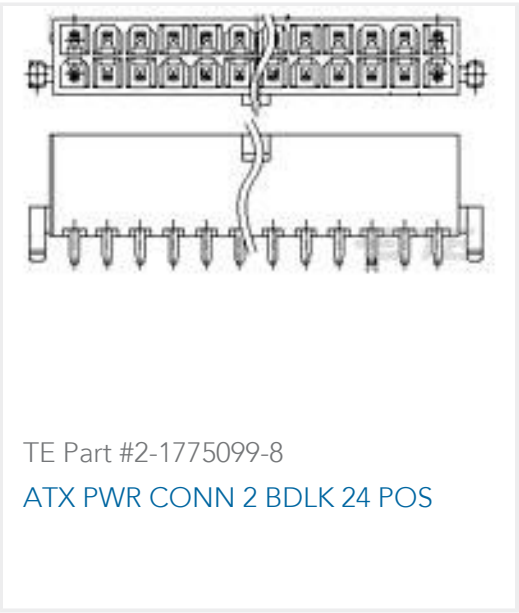TE Part #2274483-7
USB 3.0 RA RECEPTACLE

TE Part #3-644613-5
05P MTA156 HDR RA PO WO PEG LF

TE Part #2345986-1
USB TYPE C 3.1 TOP MOUNT DUAL SMT 1.63CH

TE Part #1-2322024-9
MBXL VERT HDR STR 6LP + 52S + 4LP

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TE Part #2-1775099-8
ATX PWR CONN 2 BDLK 24 POS

TE Part #2163062-1
IBM 46X7537 FLAT RIBBON NOVOLA

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_2227303-1_C1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2227303-1_C1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2227303-1_C1.3d_igs.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English