2170288-1 ✓ ACTIVE

QSFP/QSFP+
TE Internal #: 2170288-1

QSFP, QSFP+ & zQSPF+, Cage, 1 x 4, Elastomeric Gasket, Standard, 4 Port, 2 Rear EONs per Port Column, Cable-to-Board, Sealable, QSFP/QSFP+

View on TE.com >

Connectors > Pluggable IO Connectors & Cages > QSFP, QSFP+ & zQSPF+

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

Port Matrix Configuration: **1 x 4**

EMI Containment Feature Type: **Elastomeric Gasket**

Included Lightpipe: **No**

Enhancements: **Standard**

Features

Product Type Features

Form Factor	QSFP+
Cage Type	Ganged
Pluggable I/O Product Type	Cage
Connector System	Cable-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Matrix Configuration	1 x 4
Number of Ports	4
Number of Rear EONs per Port Column	2

Contact Features

PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Post & Tail Length	2.2 mm[.086 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Mechanical Attachment

Connector Mounting Type	Board Mount

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Housing Features

Cage Material	Nickel Silver

Dimensions

PCB Thickness (Recommended)	1.45 mm[.057 in]

Operation/Application

Heat Sink Compatible	Yes
For Use With Pluggable I/O Products	QSFP Cable Assembly, QSFP MSA Compatible Transceiver
Pluggable I/O Applications	SFP+ Stacked Belly-to-Belly
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tray

Other

EMI Containment Feature Type	Elastomeric Gasket
Included Lightpipe	No
Enhancements	Standard

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 2023 (235) Candidate List Declared Against: JAN 2021 (211) 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

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Compatible Parts

TE Part # CAT-C11-H501114

QSFP to QSFP I/O Cable Assembly: 30 AWG

TE Part # CAT-C11-H50111

QSFP-Four SFP+ I/O Cable Assembly 30 AWG

TE Part # 1888810-2

EMI/Dust Cover,XFP And QSFP

TE Part # CAT-C11-H5011

QSFP-Four SFP+ I/O Cable Assembly 28 AWG

TE Part # CAT-C11-H5011142

QSFP to QSFP I/O Cable Assembly: 33 AWG

TE Part # 2053638-4

C/A, QSFP, 4M, P1-P2, UNEQUALIZED

TE Part # 2202165-4

QSFP TO QSFP, 26AWG, FDR, 4.0 METER

TE Part # 2202165-5

QSFP TO QSFP, 26AWG, FDR, 5.0 METER

TE Part # 2829040-2

QSFP IB EDR, 33AWG, 1.0M

TE Part # 2829040-4

QSFP IB EDR, 30AWG, 1.0M

TE Part # 2829040-6

QSFP IB EDR, 30AWG, 2.0M

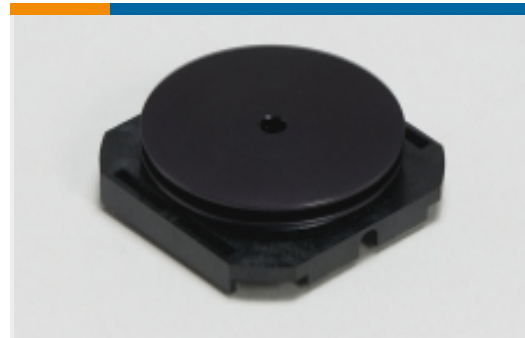TE Part # 2829040-7

QSFP IB EDR, 26AWG, 2.0M

TE Part # 2829040-8
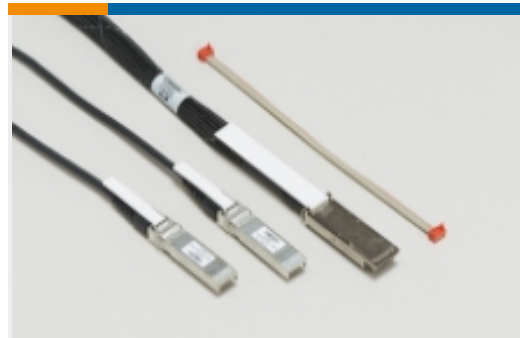
QSFP IB EDR, 26AWG, 3.0M

TE Part # 2821033-8

QSFP TO [4]SFP+, 28G, 1M, 33AWG

QSFP, QSFP+ & zQSPF+, Cage, 1 x 4, Elastomeric Gasket, Standard, 4 Port, 2 Rear
EONs per Port Column, Cable-to-Board, Sealable, QSFP/QSFP+

Also in the Series | QSFP/QSFP+

Heat Sinks(1)

Pluggable I/O Cable Assemblies(23)

QSFP, QSFP+ & zQSPF+(168)

Customers Also Bought

TE Part #1888247-1
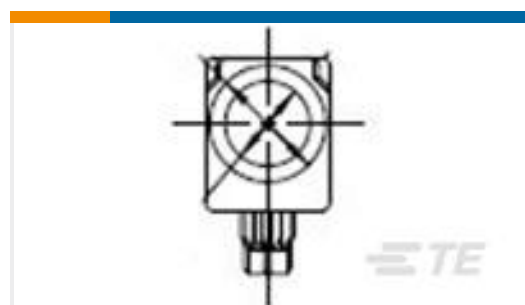20 POS SMT CONN, SFP/SFP+, 30A

TE Part #2227838-7
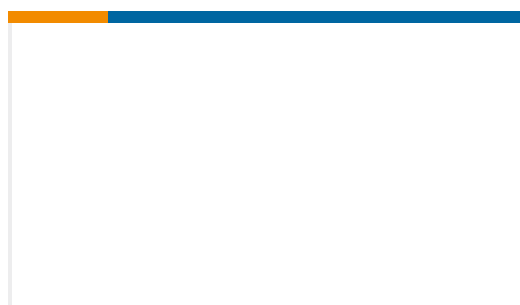2X12 ZSFP+ CONNECTOR ASSEMBLY

TE Part #2227669-1
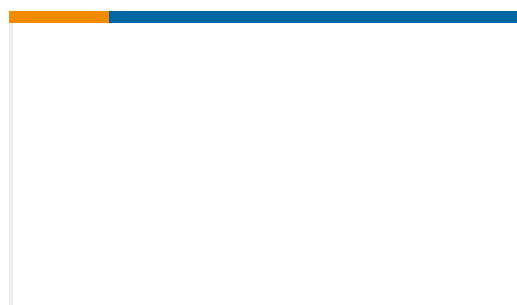zQSFP+ STACKED RECEPTACLE
ASSEMBLY 2X1

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

TE Part #5223979-2
UPM GUIDE MODULE

TE Part #2170775-4
CAGE ASSY, 1X4, QSFP28, GASKET,
HS, LP

TE Part #2007400-1
SFP+ 1x2 Cage Assy with Light Pipe

TE Part #2143313-2
IMP100S,H,RA2P16C,LG,OEW39,4.9

TE Part #2149782-1
STRADA Whisper Guide Module

Documents

Product Drawings

1X4 CAGE ASSEMBLY, THRU BEZEL, QSFP

English

CAD Files

3D PDF

3D

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EONs per Port Column, Cable-to-Board, Sealable, QSFP/QSFP+

Customer View Model

ENG_CVM_CVM_2170288-1_3.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2170288-1_3.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2170288-1_3.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Product Environmental Compliance

TE Material Declaration

English