



Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > QSFP-Four SFP+ I/O Cable Assembly 30 AWG



Cable Assembly Type: **QSFP to SFP+**

Equalized: **No**

Wire Size: **.051 mm²**

Outside Cable Diameter: **4.37 mm [ .172 in ]**

[All QSFP-Four SFP+ I/O Cable Assembly 30 AWG \(9\)](#)

Features

Product Type Features

|                         |                                                       |
|-------------------------|-------------------------------------------------------|
| Latching Style          | Retractable Pin, Slide Latch                          |
| Cable Assembly Category | High Speed                                            |
| Cable Assembly Type     | QSFP to SFP+                                          |
| Connector Type (End A)  | QSFP Plug                                             |
| Connector Type (End B)  | SFP+ Plug                                             |
| Cable Style             | Madison TurboTwin, Madison TurboTwin - Round Jacketed |

Configuration Features

|                            |    |
|----------------------------|----|
| Number of Positions        | 16 |
| Number of Pairs            | 8  |
| Number of Signal Positions | 16 |

Electrical Characteristics

|           |       |
|-----------|-------|
| Impedance | 100 Ω |
|-----------|-------|

Signal Characteristics



|           |         |
|-----------|---------|
| Data Rate | 10 Gb/s |
|-----------|---------|

Body Features

|                           |                              |
|---------------------------|------------------------------|
| Strain Relief Type        | Heat Shrink Tubing, Overmold |
| Shield Material           | Flexible PVC                 |
| Jacket Material           | Flexible PVC                 |
| Equalized                 | No                           |
| Cable Color               | Black                        |
| Cable Flammability Rating | CL2                          |

Mechanical Attachment

|                  |         |
|------------------|---------|
| Mating Alignment | Without |
|------------------|---------|

Dimensions

|                        |                  |
|------------------------|------------------|
| Wire Size              | .051 mm²         |
| Outside Cable Diameter | 4.37 mm[.172 in] |

Operation/Application

|          |     |
|----------|-----|
| Shielded | Yes |
|----------|-----|

Other

|                              |              |
|------------------------------|--------------|
| Cable Assembly Configuration | Double Ended |
| Cable Assembly Length        | 3 m[9.84 ft] |

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2024 (240)<br>Candidate List Declared Against: JUNE 2023 (235)<br>SVHC > Threshold:<br>Pb (3.7% in Component part)<br>MCCP (1.8% in Component part)<br>TBPH (15% in Component part)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |



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 # 2143330-1  
1X6 QSFP Kit Assy Bhnd Bzl,PCI



TE Part # 1888631-1  
Cage Assy PCI Hsink QSFP Thru



TE Part # 1888631-3  
Cage Assy NW Hsink QSFP Thru Bezel



TE Part # 2007626-1  
1x4 QSFP Kit Assy Sqr LP, SAN Htsnk



TE Part # 2085945-1  
QSFP+ Assy, 2x1, Gskt, 2LP-Outr, Sn EONs



TE Part # 2007456-1  
1x3 QSFP Kit Assy Bhnd Bzl,PCI



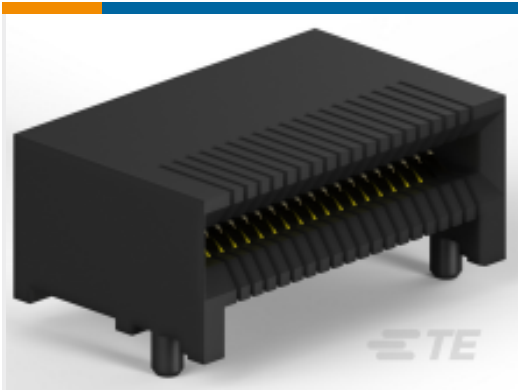
TE Part # 1888781-1  
Cage Assy Behind Bezel QSFP



TE Part # 1888617-1  
Cage Assy, QSFP, Through Bezel



TE Part # 1888971-3  
QSFP TB Cage Assy, w/LP, PCI HS



TE Part # 1-1761987-8  
ReceptacleConnAssm38PosTape/Re



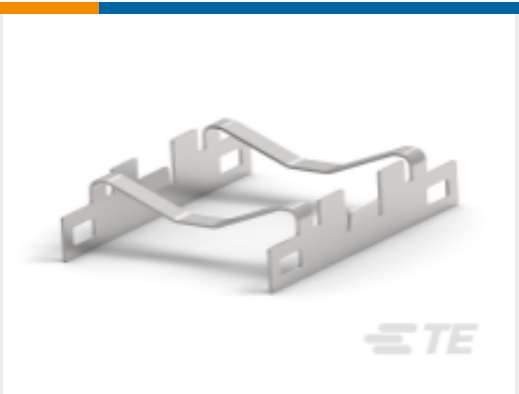
TE Part # 1888631-2  
Cage Assy SAN Hsink QSFP Thru Bezel



TE Part # 1761987-9  
ReceptacleConnAssm38PosTape/Re







TE Part # 2007304-1  
Heat sink Clip QSFP



TE Part # 1888968-1  
Cage Assy PCI Hsink QSFP Behind Bezel



TE Part # 2110487-1  
QSFP Cage, Solder Leg, No HS Opening



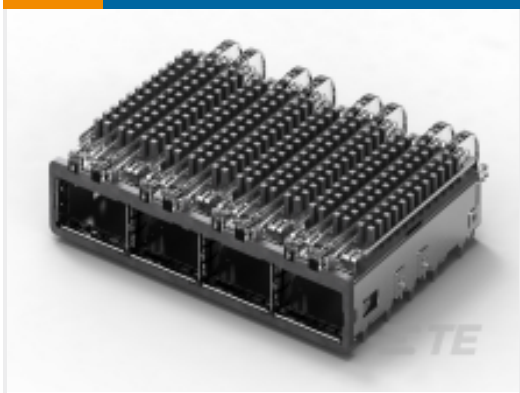
TE Part # 2110819-1  
QSFP+ Enh EVERCLEAR PT Conn



TE Part # 1888674-1  
Cage Assy, QSFP, Through Bezel



TE Part # 1888968-2  
Cage Assy SAN Hsink QSFP Behind Bezel

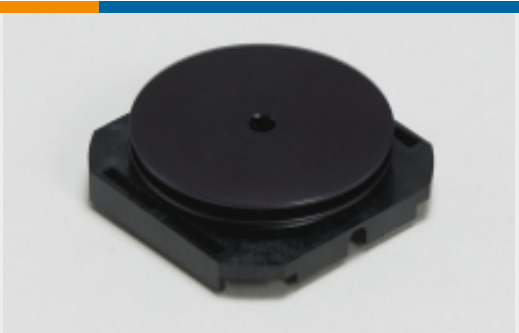


TE Part # 2007626-2  
1x4 QSFP Kit Assy Sqr LP, Networking



TE Part # 2085945-7  
QSFP+ Assy, 2x1, Gskt, 4LP-All, Sn EONs

Also in the Series | QSFP/QSFP+



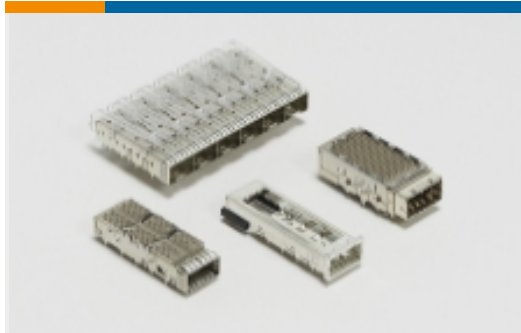
Heat Sinks(1)



Light Pipes(8)



Pluggable I/O Cable Assemblies(19)



Pluggable IO Connectors & Cages(154)

Customers Also Bought



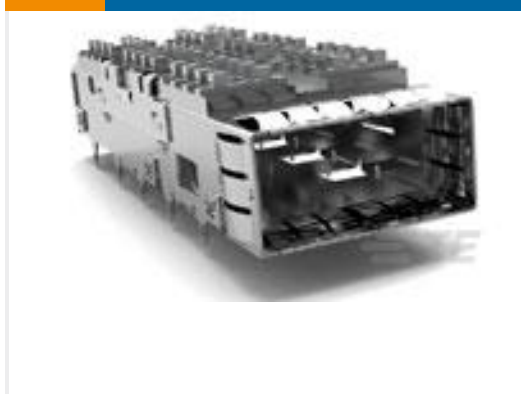
TE Part # 640456-4  
04P MTA100 HDR ASSY F/L SQ STR



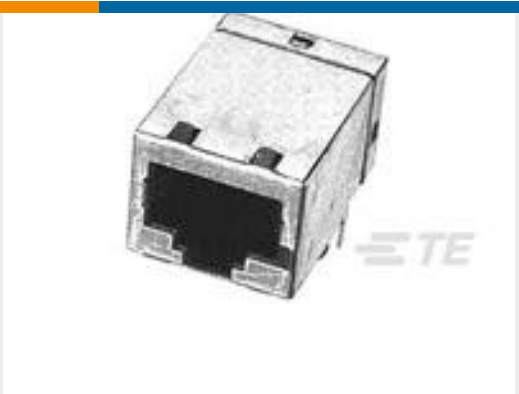
TE Part # 1888247-1  
SFP Connectors



TE Part # 2333393-3  
QSFP 25GIG 30AWG 1 METER



TE Part # 1888631-1  
Cage Assy PCI Hsink QSFP Thru

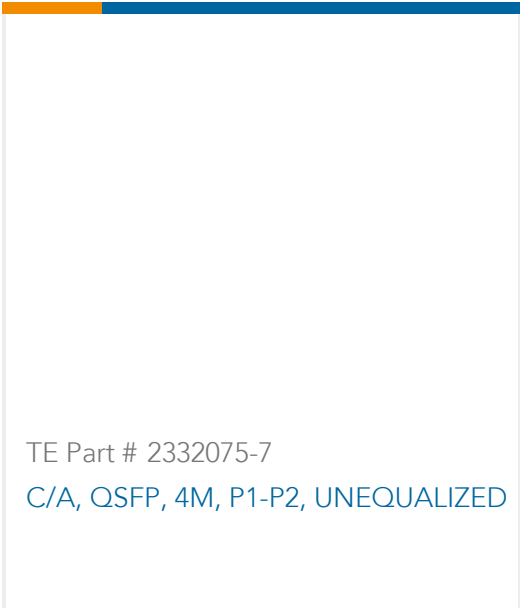


TE Part # 1734795-7  
MOD JACK,RJ45,8P8C,SHIELD, W /PANEL,30u"

TE Part # 1-2127931-2  
C/A, SFP+, GENERIC, 1.0M

TE Part # 1-2127931-4  
C/A, SFP+, GENERIC, 3.0M

TE Part # 2332075-6  
C/A, QSFP, 3M, P1-P2, UNEQUALIZED



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2053453-4\_J.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2053453-4\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2053453-4\_J.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

4-1773455-3 - Quick Reference Guide SFP+ Solutions

English

9-1773458-9\_QSFP/QSFP+\_HIGH\_SPEED\_COPPER\_CABLE\_ASSEMBLIES

English