4-2333393-1 ✔ ACTIVE

QSFP56

TE Internal #: 4-2333393-1

QSFP28 to QSFP28 Cable Assembly, 16 Positions, .5 m [.164 ft], 56 Gb/s, Black Cable, Shielded, 30 AWG, .051 mm² Wire, QSFP28 Plug End A

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Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > QSFP56 to QSFP56 Cable Assembly: 30 AWG






Cable Assembly Type: **QSFP28 to QSFP28**

Cable Assembly (End A): **QSFP28 Plug**

Cable Assembly (End B): **QSFP28 Plug**

Wire Size: **.051 mm²**

All QSFP56 to QSFP56 Cable Assembly: 30 AWG (4)

Features

Product Type Features

Cable Assembly Category	High Speed, Industry Standard
Cable Assembly Type	QSFP28 to QSFP28
Cable Assembly (End A)	QSFP28 Plug
Cable Assembly (End B)	QSFP28 Plug
Cable Style	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	56 Gb/s

Body Features

Cable Color	Black
Cable Flammability Rating	CL2
Equalized	No

Dimensions

Wire Size	.051 mm²
Outside Cable Diameter	6.2 mm[.244 in]

Operation/Application

Shielded	Yes
Halogen Free	No

Other

Cable Assembly Length	.5 m[.164 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
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (.11% in 34983907395) 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (4.5% in 34983907383) TBPH (12% in 26862205067) **Article Safe Usage Statements:** 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 reviewed 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



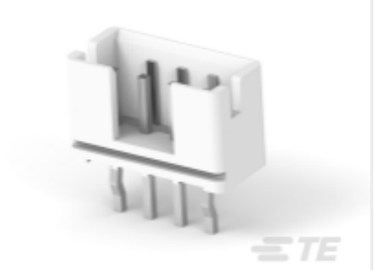
TE Part # 2352105-1
CDQ CAGE ASSEMBLY

Also in the Series | QSFP56



Pluggable I/O Cable Assemblies(49)

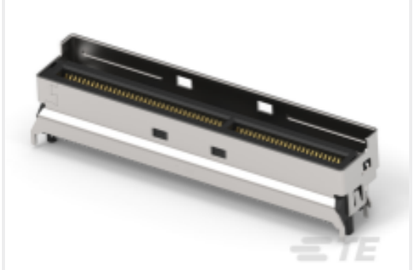
Customers Also Bought



TE Part #9-440054-4
2.0 MM PITCH HPI VERTICAL POST HEADERS



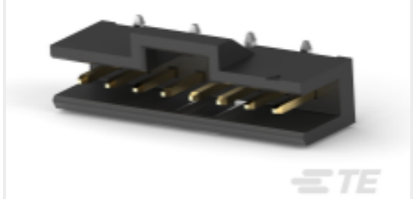
TE Part #7-2337939-4
PCIE GEN4 CON,SMT,164POS,30u", MYLAR,HT



TE Part #1-2381578-6
MCIO INTERGRATED CONN, V/T, 124P SMT TYPE

TE Part #2417916-6
MCIO INTERGRATED CONN,V/T,4X, SMT TYPE

TE Part #2491062-1
SLIVER 168 VT TO MCIO 8X STR (2X)



TE Part #1-2823207-0
10P,2MM,PL,SRVT,SMD,0.76AU,TR W /CAP

TE Part #1735703-3
0.8FH,P08H.5,080,15/Sn,TR,SC

TE Part #2394322-1
MB-XLE TO RAPID LOCK

TE Part #2397013-3
#4 RAPID LOCK PIN ASM, LOCK GROOVE, SM

TE Part #2397013-8
#4 RL PIN ASM, LOCK GROOVE, SM, SEMS

Documents

Product Drawings

QSFP 56GIG 30AWG 0.5 METER

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-2333393-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-2333393-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-2333393-1_A.3d_stp.zip

English

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Product Specifications

Product Specification

English

Product Specification

English