



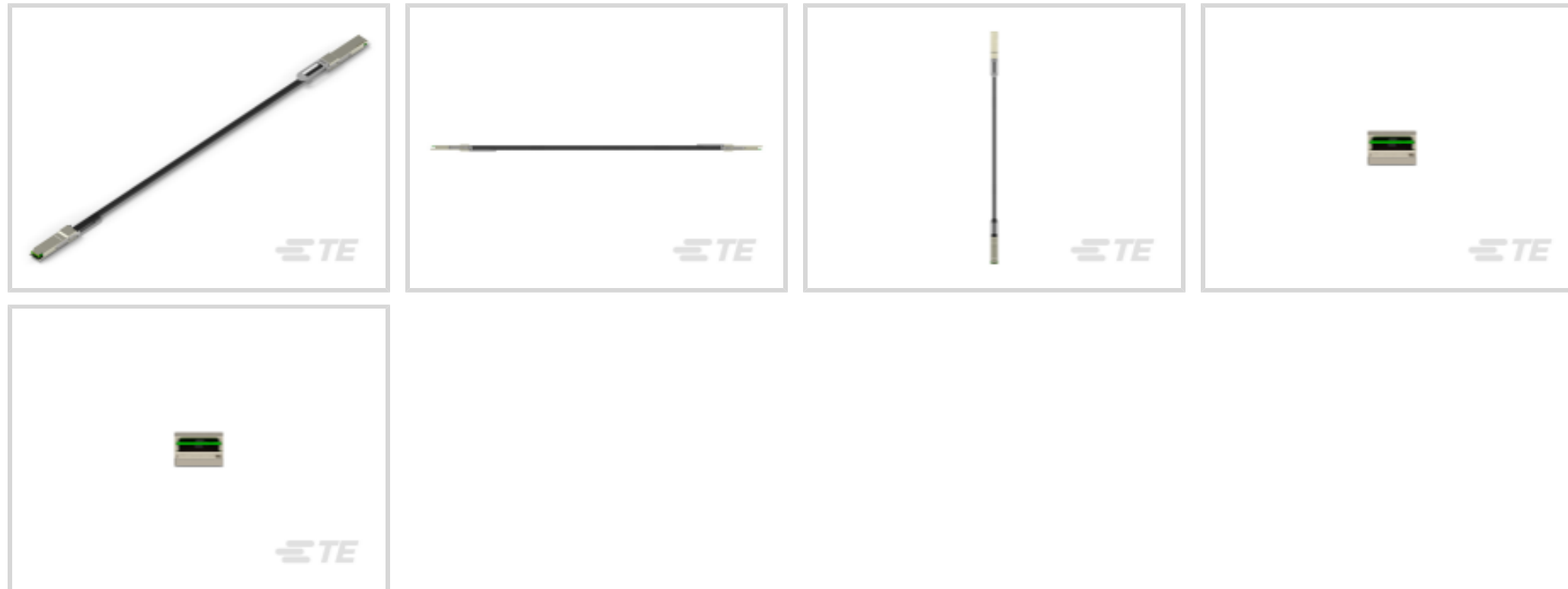
QSFP56

TE Internal #: 4-2333393-1

QSFP28 Cable Assembly, 16 Positions, .5 m [.164 ft], 56 Gb/s, Black
 Cable, Shielded, 30 AWG, .051 mm² Wire, QSFP28 Plug End A,
 QSFP28 Plug End B, CL2

[View on TE.com >](#)

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



Cable Assembly Type: **QSFP28**

Number of Positions: **16**

Cable Assembly Length: **.5 m [.164 ft]**

Data Rate: **56 Gb/s**

Cable Color: **Black**

[All QSFP56 to QSFP56 Cable Assembly: 30 AWG \(4\)](#)

Features

Electrical Characteristics

Impedance	100 Ω
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Product Type Features

Cable Assembly Category	Industry Standard, High Speed
Cable Assembly Type	QSFP28
Cable Style	Madison TurboTwin - Round Jacketed
Cable Assembly (End A)	QSFP28 Plug
Cable Assembly (End B)	QSFP28 Plug

Configuration Features

Number of Positions	16
Number of Pairs	8
Number of Signal Positions	16

Other

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Cable Assembly Length	.5 m [.164 ft]
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant

Signal Characteristics

Data Rate	56 Gb/s
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Body Features

Cable Color	Black
Equalized	No
Cable Flammability Rating	CL2

Operation/Application

Shielded	Yes
Halogen Free	No

Dimensions

Wire Size	.051 mm ²
Outside Cable Diameter	6.2 mm [.244 in]

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 2024 (241) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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>

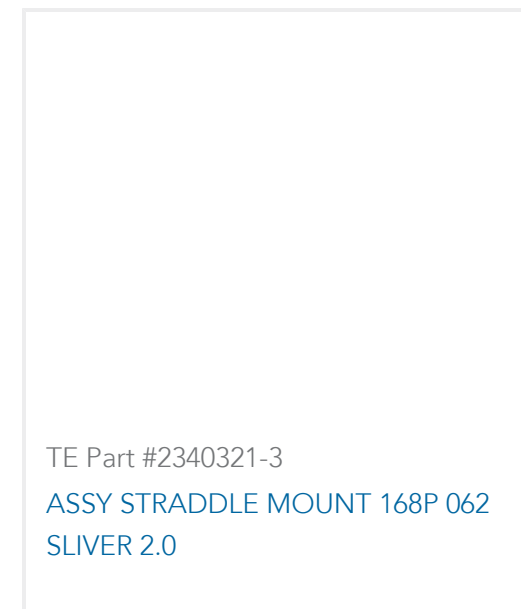
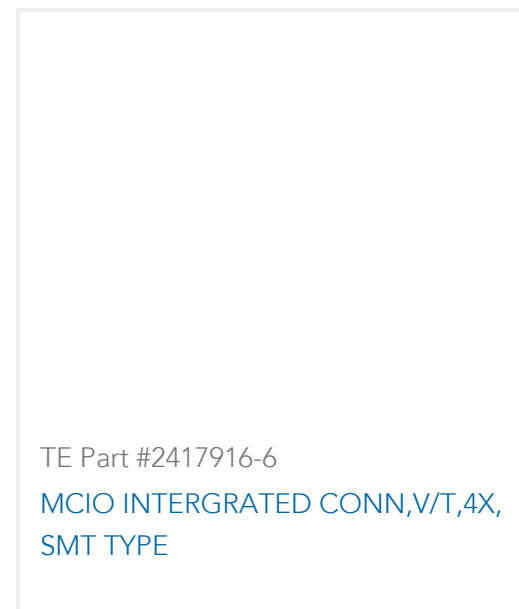
Compatible Parts

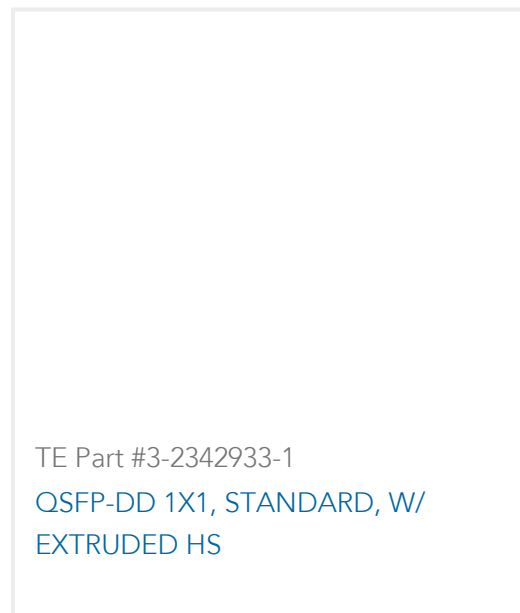
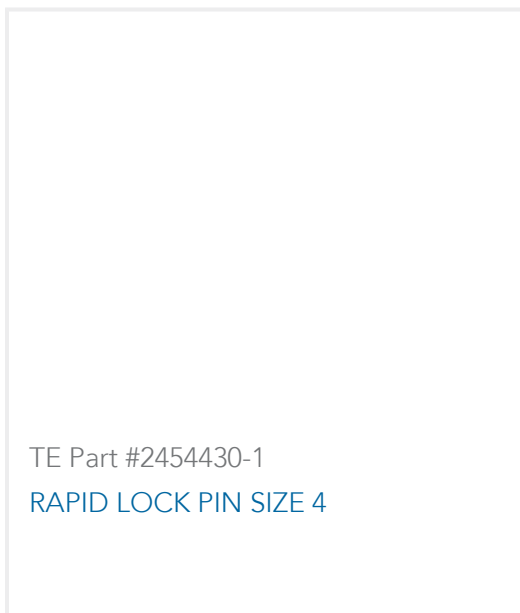


Also in the Series | QSFP56



Customers Also Bought





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