1802162-3 ✔ ACTIVE

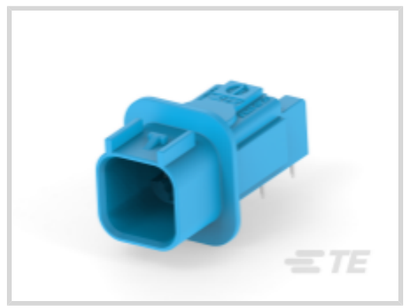
MATEnet

TE Internal #: 1802162-3

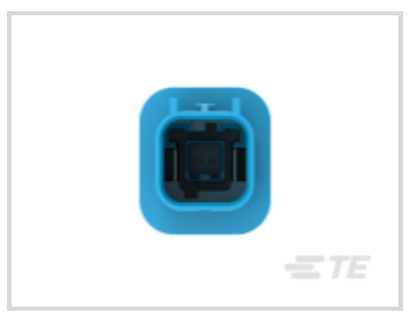
Board-to-Board, Sealable, Shielded, Horizontal, 2 Position, Board Mount, C Code, 1.8 mm [.07 in] Centerline, Signal, Data Connectivity Headers

View on TE.com >

Automotive Parts > Automotive Connectors > Data Connectivity Headers







Connector System: **Board-to-Board**

Sealable: **Yes**

Shielded: **Yes**

PCB Mount Orientation: **Horizontal**

Number of Positions: **2**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
Sealable	Yes

Configuration Features

Number of Rows	1
PCB Mount Orientation	Horizontal
Number of Positions	2

Body Features

Connector & Keying Code	C

Contact Features

Contact Mating Area Plating Material	Silver (Ag)
Mating Tab Width	.5 mm[.02 in]
Mating Tab Thickness	.4 mm[.01 in]
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Housing Color	Blue
Centerline (Pitch)	1.8 mm[.07 in]

Operation/Application

Shielded	Yes
Circuit Application	Signal

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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

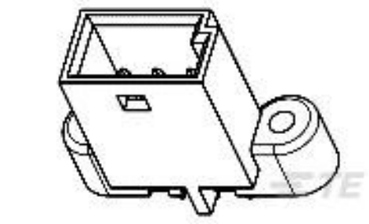
Compatible Parts

TE Part # 2304374-3
NANOMQS,SOLDER



TE Part # 2348651-1
BLIND PLUG SEALED, MATENET, ASSY

Customers Also Bought



TE Part #185730-1
3pos MQS .63 header 180deg



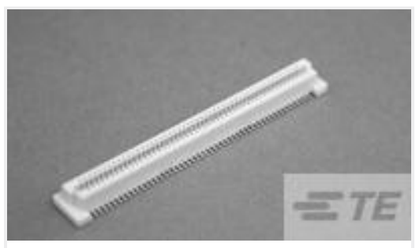
TE Part #1747981-1
Std HDMI, RA, SMT



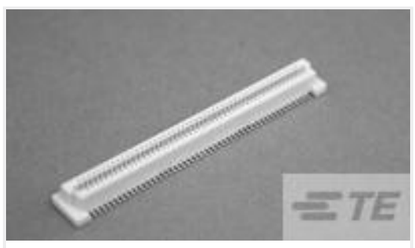
TE Part #2007198-1
SFP+ 1x1 Cage Assembly, Press-



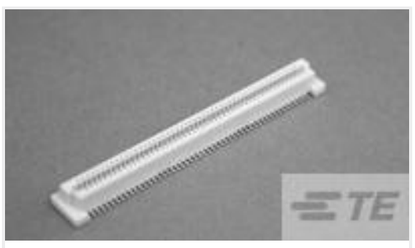
TE Part #2007263-1
SFP+ 1x2 Cage Assembly



TE Part #5177985-3
0.8FH,R05H.5,080,08/Sn,TR,SC



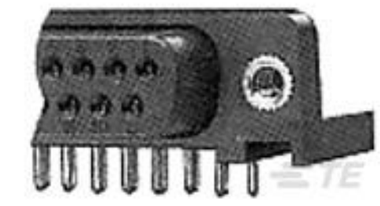
TE Part #5177985-8
0.8FH,R05H.5,160,08/Sn,TR,SC



TE Part #5353999-5
0.8FH,R05H.5,120,30/Sn,TR,SC



TE Part #5788792-1
09 HTMSFL PLUG RA 318 (IN,BL)



TE Part #5788796-1
09 HTMSFL ASSY RA 318 (IN,BL)



TE Part #826632-3
3P AMPMODU II PIN HDR.

Documents

Product Drawings

MATENET,1-PORT,90DEG,SLD HDR ASSY,COD C

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1802162-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1802162-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1802162-3_A.3d_stp.zip

English

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Product Specifications

Application Specification

English