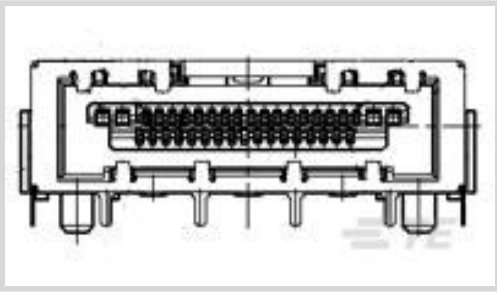




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors



Connector & Housing Type: **Receptacle**

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

Number of Positions: **38**

Centerline (Pitch): **1 mm [.039 in]**

Number of Rows: **1**

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	38
Number of Rows	1
PCB Mount Orientation	Right Angle

Body Features

Shell Plating Material	Tin
Primary Product Color	Black
Connector Profile	Low

Contact Features

Contact Options	Installed
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A, 2 A

Termination Features



Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mounting Hole Diameter	2.7 mm
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	Without
Connector Mounting Type	Panel Mount & Board Mount

Housing Features

Shell Material	Copper Alloy
Housing Material	Thermoplastic
Centerline (Pitch)	1 mm[.039 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	250
Packaging Method	Emboss on Reel

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

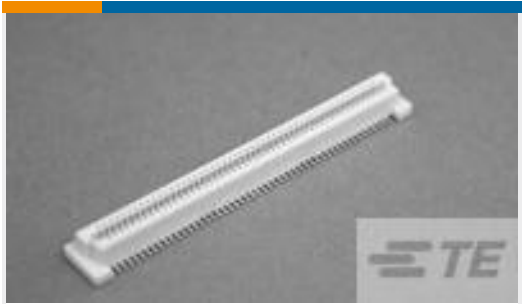


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>


Customers Also Bought




TE Part #5179029-8
0.8FH,P06H.5,160,08/Sn,TU



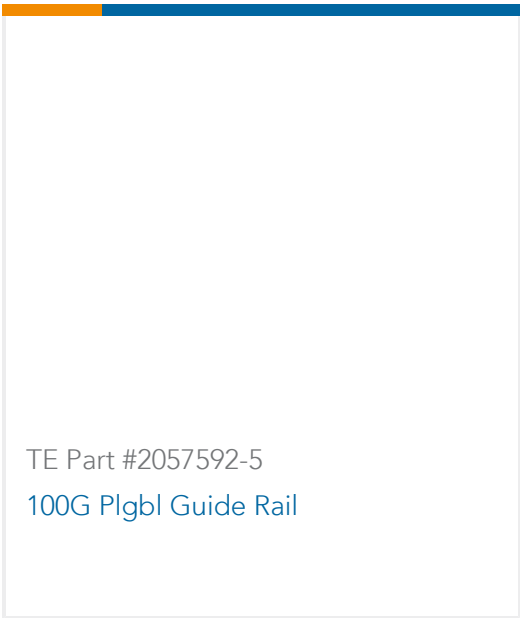
TE Part #5177985-4
0.8FH,R05H.5,100,08/Sn,TR,SC



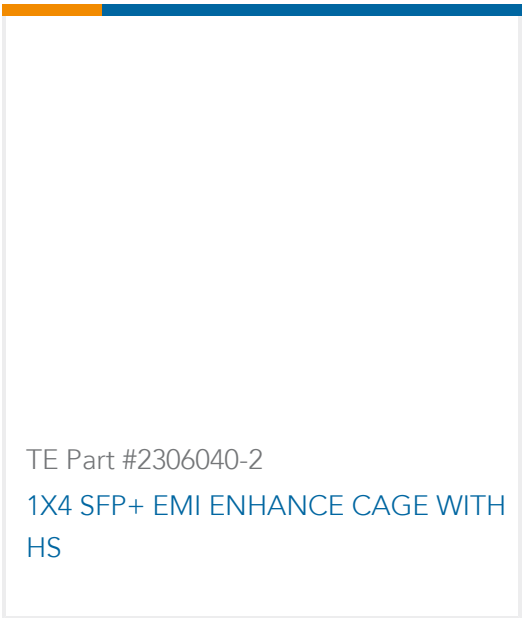
TE Part #5-5223961-1
TE UPM R/A Header 3P HC Power, LLL



TE Part #2065769-1
Zd Plus 2 pair receptacle assy



TE Part #2057592-5
100G Plgbl Guide Rail



TE Part #2306040-2
1X4 SFP+ EMI ENHANCE CAGE WITH HS

Documents

Product Drawings

EMBOSS ASSY GIGA I/O CONN. HDR LEAD FREE

Japanese

CAD Files

Customer View Model

ENG_CVM_1-6376818-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-6376818-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_1-6376818-1_O.3d_stp.zip

English

3D PDF

English



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

Product Specifications

1mm GIGA I/O Cable assy & Header LF

Japanese

Product Specification

Japanese