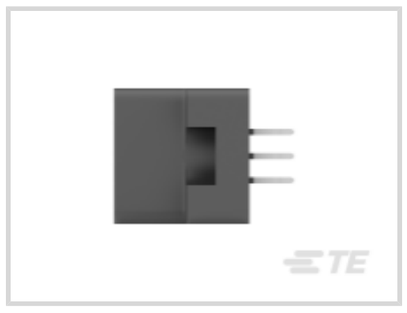
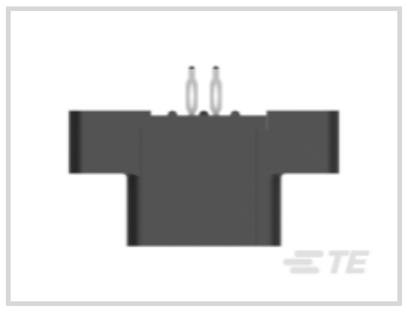
6651777-1 × OBSOLETE

TE Internal #: 6651777-1

TE Internal Description: CONNECTOR, PIN, STRAIGHT, COMPLIANT,FLA

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Plug**

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

Number of Positions: **6**

Number of Rows: **3**

Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

Connector Shape	Rectangular
PCB Connector Type	PCB Mount Plug
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Signal Positions	6
Number of Positions	6
Number of Rows	3
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	125 VDC

Body Features

Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	1.016 µm[40 µin]
Contact Layout	Matrix
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	4.6 mm[.181 in]
Termination Method to PCB	Through Hole - Press-Fit

Mechanical Attachment

Connector Mounting Type	Board Mount
Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	Thermoplastic Glass Reinforced

Dimensions

Connector Width	14 mm[.551 in]
Connector Height	14 mm[.551 in]
Connector Length	28 mm[1.1 in]
Row-to-Row Spacing	2.5 mm[.098 in]
PCB Thickness (Recommended)	2.36 mm[.093 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	88
Packaging Method	Box

Product Compliance

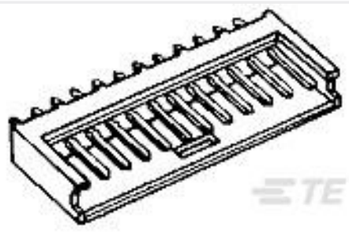
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: DEC 2012 (138) SVHC > Threshold: Not Yet Reviewed
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought



TE Part #280372-2
6P AMPMODU II SHRD HDR, ST, 0.38 AU



TE Part #1759547-1
mSATA/mini PCI-E 7H G/F



TE Part #1-1879208-2
CPF 0402 30R 0.1% 25PPM 1K RL



TE Part #1-2016698-2
RF CA,UMCC GEN4-GEN4,1.13MM CABLE,L100MM



TE Part #1-2016698-6
RF CA,UMCC GEN4-GEN4,1.13MM CABLE,L200MM



TE Part #2-2176329-6
CRGP 1210 1K2 1%



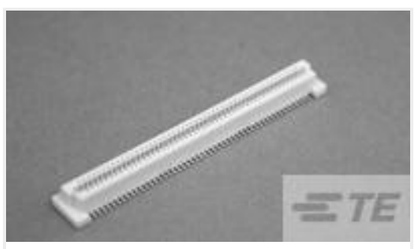
TE Part #3-2176329-0
CRGP 1210 2K7 1%



TE Part #2195846-2
FPC ANT, MHF, 100mm, 698-7125 MHz



TE Part #2199230-3
M.2 0.5PITCH 4.2H KEY B 15U'' AU



TE Part #5177985-1
0.8FH,R05H.5,040,08/Sn,TR,SC

Documents

Product Drawings

CONNECTOR, PIN, STRAIGHT, COMPLIANT,FLA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6651777-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6651777-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6651777-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English