

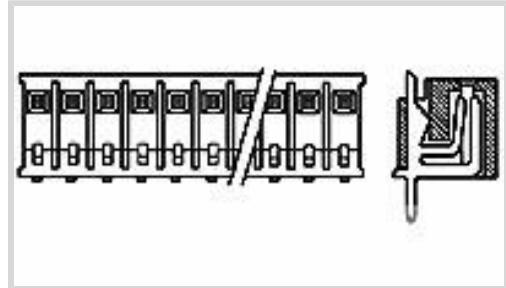
1-163680-1**! PENDING OBSOLESCENCE****AMP**

TE Internal #: 1-163680-1

TE Internal Description: 12P.CIS.FEMALE CONN

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles

PCB Connector Assembly Type: **PCB Mount Receptacle**PCB Mount Orientation: **Vertical**Connector System: **Board-to-Board**Number of Positions: **12**Number of Rows: **1**

Features

Dimensions

Connector Height	7.6 mm[.3 in]
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Packaging Features

Packaging Quantity	650
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Packaging Method	Box
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Termination Features

Rectangular Termination Post & Tail Width	.74 mm[.029 in]
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Rectangular Termination Post & Tail Thickness	.56 mm[.022 in]
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Termination Post & Tail Length	3.2 mm[.126 in]
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Termination Method to PCB	Through Hole - Solder
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Contact Features

Contact Mating Area Plating Material Thickness	1.524 – 3.048 μm [60 – 120 μin]
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Mating Tab Width	.68 mm[.026 in]
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PCB Contact Termination Area Plating Material Thickness	1.52 – 3.04 μm
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Contact Shape & Form	Square
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Contact Layout	Inline
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Contact Base Material	Brass
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Mating Tab Thickness	.76 mm[.029 in]
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PCB Contact Termination Area Plating Material	Tin-Lead
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Contact Mating Area Plating Material	Tin
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Contact Type	Socket
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Contact Current Rating (Max)	5 A
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Housing Features

Mating Entry Location	Top
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Housing Material	Crastin
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Centerline (Pitch)	2.5 mm[.098 in]
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Configuration Features

Stackable	No
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PCB Mount Orientation	Vertical
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Number of Positions	12
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Number of Rows	1
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Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
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Connector System	Board-to-Board
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Header Type	Breakaway
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Sealable	No
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Connector & Contact Terminates To	Printed Circuit Board
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Body Features

Primary Product Color	Gray
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Mechanical Attachment

PCB Mount Retention	Without
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PCB Mount Alignment	Without
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Connector Mounting Type	Board Mount
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Mating Alignment	Without
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-1
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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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: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-163680-1_S_c-1-163680-1-s.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-163680-1_S_c-1-163680-1-s.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-163680-1_S_c-1-163680-1-s.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

CIS Crimp Snap-In Receptacle Contact

English

Agency Approvals

[Agency Approval Document](#)

English