163680-3 × OBSOLETE

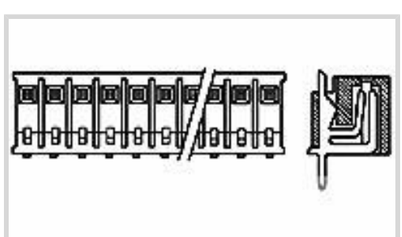
AMP

TE Internal #: 163680-3

TE Internal Description: 05P.CIS FEMALE CONN

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **5**

Number of Rows: **1**

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

Features

Product Type Features

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

Configuration Features

Stackable	No
Number of Positions	5
Number of Rows	1
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Gray

Contact Features

Mating Tab Width	.68 mm[.026 in]
PCB Contact Termination Area Plating Material Thickness	1.52 – 3.048 µm
Contact Shape & Form	Square
Contact Layout	Inline
Contact Base Material	Brass
Mating Tab Thickness	.76 mm[.029 in]

PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material Thickness	1.524 – 3.048 µm[60 – 120 µin]
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Socket
Contact Current Rating (Max)	5 A

Termination Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	7.6 mm[.3 in]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-1

Packaging Features

Packaging Quantity	1800
Packaging Method	Box

Product Compliance

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

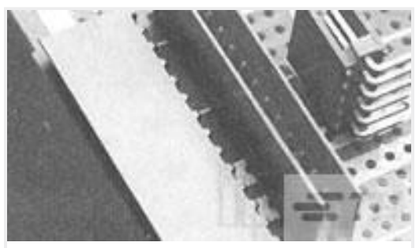
EU RoHS Directive 2011/65/EU	Compliant

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: 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



TE Part #281698-3
HEADER HE14 RA 3 P



TE Part #3-794630-4
04P MICRO MNL ASSY VRT HDR LF

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_163680-3_S_c-163680-3-s.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_163680-3_S_c-163680-3-s.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_163680-3_S_c-163680-3-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