

TE Internal #: 1-530785-1
PCB Mount Header, Straddle Mount, Board-to-Board, 60 Position,
1.9mm [.075in] Centerline, Fully Shrouded, Gold, Printed Circuit
Board

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Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**
PCB Mount Orientation: **Straddle Mount**
Connector System: **Board-to-Board**
Number of Positions: **60**
Centerline (Pitch): **1.9 mm [.075 in]**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Rows	2
Stackable	No
PCB Mount Orientation	Straddle Mount
Number of Positions	60

Contact Features

	.198 in
Mating Tab Width	1.12 mm[.044 in]
Mating Tab Thickness	.89 mm[.035 in]
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold



Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Thickness	.14 mm[.006 in]
Rectangular Termination Post & Tail Width	.76 mm[.03 in]
Termination Post & Tail Length	3.18 mm[.125 in]

Mechanical Attachment

PCB Mount Retention Type	Mounting Hole
Mating Alignment	With
Mating Alignment Type	Polarized
PCB Mount Retention	With
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	1.9 mm[.075 in]
Housing Color	Blue
Housing Material	Diallyl Phthalate

Dimensions

Connector Height	12.7 mm[.5 in]
Row-to-Row Spacing	3.17 mm, 3.18 mm[.125 in]
Stack Height	15.24 mm[.6 in]
PCB Thickness (Recommended)	1.37 – 1.78 mm[.054 – .07 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Assembly Process Feature	None
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	2
Packaging Method	Package



Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not lead free process capable

Product Compliance Disclaimer

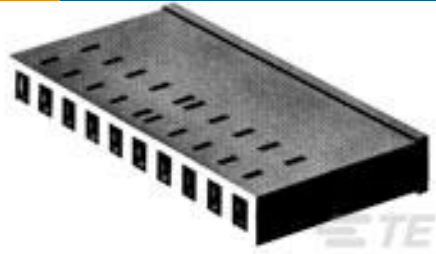
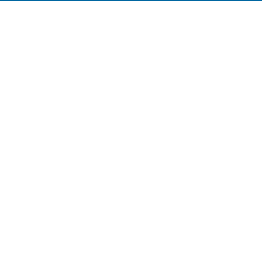
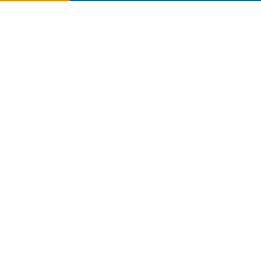
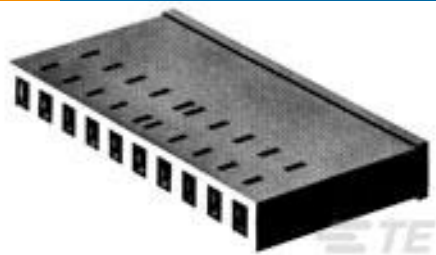
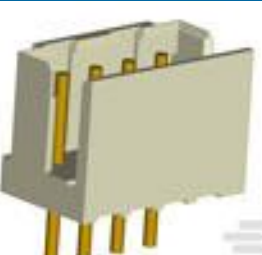
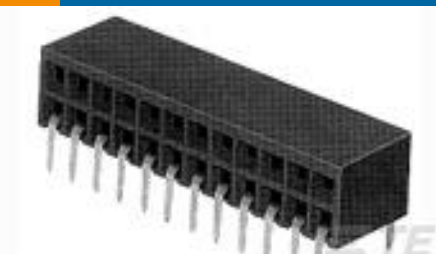
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

Compatible Parts



Customers Also Bought



 TE Part #1-87270-6 09 LOCK CLIP HSG SR .156CL	 TE Part #1996220-1 RM3R88P106P106P-0101(201)	 TE Part #1996220-2 RM3R88P106P106P-3301 (201)	 TE Part #2-322336-2 DIAMOND GRIP 16-14 HT R 6,TAPE
 TE Part #1-87270-2 05/06 LOCK CLIP HSG SR .156CL	 TE Part #292134-5 CT BOX HDR ASSY V 5P AU W/KINK	 TE Part #1996220-3 RM3R88P106P106P-3304 (201)	 TE Part #2-323199-1 DG 22-16COM 22-18MIL HR R6TAPE
 TE Part #3-87962-9 80 MODII HORZ DR CE 100CL/115	 TE Part #87633-3 03 MODI HDR SRST .156CL		

Documents

Product Drawings
BOX PIN 60 POS 075 C/L
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-530785-1_P.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-530785-1_P.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-530785-1_P.3d_stp.zip
English

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

Datasheets & Catalog Pages



Products for Aerospace and Defense

English

Product Specifications

Application Specification

English