1.5 MINI CT SGL V SMT W/BOSS 1 ✔ ACTIVE

AMP Mini CT

TE Part # 1-292230-1

TE Internal #: 1-292230-1

View on TE.com >

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



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **11**

Centerline (Pitch): **1.5 mm [.059 in]**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	11
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VAC

Contact Features

Contact Layout	Staggered
PCB Contact Termination Area Plating Material Thickness	1 µm[39.37 µin]
Mating Post Length	2.4 mm[.095 in]
Contact Shape	Square
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Pre-Tin

Contact Type	Pin
Contact Current Rating (Max)	2 A
Contact Transmits (Typical)	Signal (Data)
Contact Design	Square Post

Termination Features

Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

PCB Mount Alignment Type	Locating Posts
Mating Alignment Type	Polarization
Mating Alignment	With
PCB Mount Retention Type	Boardlock
PCB Mount Alignment	With
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Contact Retention	Without

Housing Features

Centerline (Pitch)	1.5 mm[.059 in]
Housing Color	Natural
Housing Material	Nylon

Dimensions

Connector Length	19 mm[.748 in]
Connector Height	6.9 mm[.272 in]
Connector Width	4.7 mm[.185 in]
PCB Thickness (Recommended)	.8 mm[.031 in]
Wire Size	28 – 24 AWG

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Assembly Process Feature	Pick and Place Cover

Industry Standards

UL Flammability Rating	UL 94V-0

Agency/Standard	UL
Agency/Standard Number	CSA, UL
CSA File Number	LR 7189-133
UL File Number	E28476

Packaging Features

Packaging Quantity	500
Packaging Method	Tape, 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: JAN 2019 (197) Not Yet Reviewed
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Reflow solder capable to 245°C

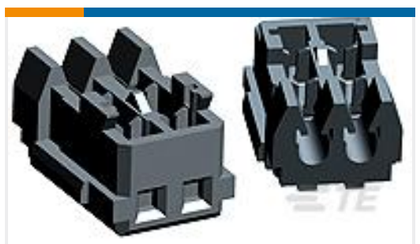
Product Compliance Disclaimer

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 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



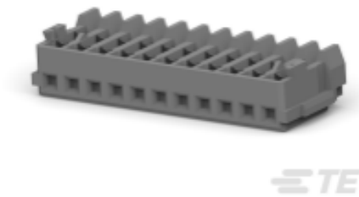
TE Part # 1-353908-1
CT REC HSG 11P CRIMP TYPE WHIT



TE Part # 6-353293-1
MINI CT MT REC ASSY 11P BLUR



TE Part # 7-353908-1
CT REC HSG 11P CRIMP TYPE BLU



TE Part # 1-353293-1
MINI CT MT REC ASSY 11P GRAY



TE Part # 353907-1
CT 1.5MM REC CONT CRIMP TYPE



TE Part # 353918-1
CT 1.5MM REC CONT CRIMP TYPE

Also in the Series | AMP Mini CT



Wire-to-Board Connector Contacts(4)



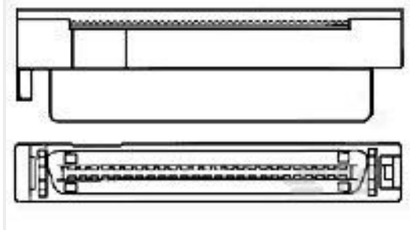
Wire-to-Board Connector Housings(86)



Wire-to-Board Headers & Receptacles(387)

Customers Also Bought

TE Part #1-292230-4
1.5 MINI CT SGL V SMT W /BOSS 1



TE Part #5178647-4
CHAMP 050 B-T-B REC HDR ASSY H



TE Part #1-292230-2
1.5 MINI CT SGL V SMT W /BOSS 1



TE Part #292231-4
1.5 MINI CT SGL V SMT W /O BOSS



TE Part #5-1879133-4
RN 0603 3K16 0.1% 10PPM 1K RL



TE Part #1-5316560-0
.6FHR04H,140,S,GIG,08/Sn, HT,SEYes



TE Part #5353185-8
.6FHP06H,100,S,STD,08/Sn, TR,NSYes



TE Part #1-1318125-1
V-HDR ASSY 8P FOR SEQUENTIAL T



TE Part #1-1318126-2
V-HDR ASSY 12P FOR SEQUENTIAL



TE Part #6376118-2
MIII (V) BLACK

Documents

Product Drawings

1.5 MINI CT SGL V SMT W/BOSS 1

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-292230-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-292230-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-292230-1_A.3d_stp.zip

English

Datasheets & Catalog Pages

6-1773454-5_AMP_Mini_CT_Connector_Series_QRG

English

Product Specifications

Product Specification

Japanese

AMP Mini CT Connector 1.5mm Pitch (Crimp Type), Lead Free Version

Japanese

Product Specification

Japanese

AMP MINI CCOMMON TERMINATION (CT), CONNECTOR, 1.5mm PITCH, M/T TYPE, LEAD FREE VERSION

Japanese

Agency Approvals

UL

English