



AMP CT

TE Internal #: 292254-9

AMP CT, Connector Assembly, Plug to Plug Relay Header, Wire-to-Panel, 9 Position, 2mm [.078in] Centerline, 1 Row, Natural Housing Color

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings >

AMP COMMON TERMINATION HEADERS



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Plug to Plug Relay Header**

Connector System: **Wire-to-Panel**

Number of Positions: **9**

Centerline (Pitch): **2 mm [.078 in]**

[All AMP COMMON TERMINATION HEADERS \(248\)](#)

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Plug to Plug Relay Header
Connector System	Wire-to-Panel
Sealable	No

Configuration Features

Number of Positions	9
Number of Rows	1

Electrical Characteristics

Operating Voltage	125 V
-------------------	-------

Contact Features

Contact Layout	In-line
----------------	---------



Contact Retention Within Housing	Without
----------------------------------	---------

Contact Type	Pin
--------------	-----

Contact Base Material	Brass
-----------------------	-------

Contact Current Rating (Max)	4 A
------------------------------	-----

Mechanical Attachment

Strain Relief	Without
---------------	---------

Panel Mount Feature	With
---------------------	------

Panel Mount Feature Type	Latches
--------------------------	---------

Mating Retention Type	Locking Latch
-----------------------	---------------

Mating Retention	With
------------------	------

Connector Mounting Type	Panel Mount
-------------------------	-------------

Housing Features

Housing Material	Nylon 66
------------------	----------

Centerline (Pitch)	2 mm [.078 in]
--------------------	----------------

Housing Color	Natural
---------------	---------

Dimensions

Connector Length	21.78 mm [.857 in]
------------------	--------------------

Panel Thickness (Recommended)	.81 – 1.6 mm [.032 – .063 in]
-------------------------------	-------------------------------

Connector Height	12 mm [.472 in]
------------------	-----------------

Connector Width	6 mm [.236 in]
-----------------	----------------

Usage Conditions

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

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

CSA Rating	Certified
------------	-----------

Approved Standards	UL Recognized
--------------------	---------------

UL Flammability Rating	UL 94V-0
------------------------	----------

UL File Number	E28476
----------------	--------

UL Rating	Recognized
-----------	------------

Agency/Standard	CSA, UL
-----------------	---------

CSA Certified	Yes
---------------	-----



CSA File Number

LR 7189

Packaging Features

Packaging Quantity

300

Packaging Method

Bag/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 2021 (211)
 Candidate List Declared Against: JAN 2021 (211)
 Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

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 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>

Compatible Parts



Also in the Series | AMP CT



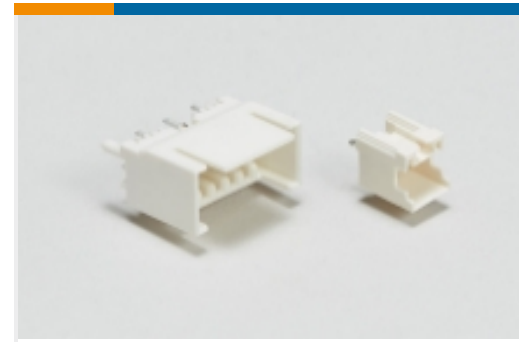
PCB Connector Mounting(46)



Wire-to-Board Connector Assemblies & Housings(234)



Wire-to-Board Connector Contacts(8)



Wire-to-Board Headers & Receptacles (760)

Customers Also Bought

TE Part #1-292254-3
AMP COMMON TERMINATION HEADERSTE Part #1-353293-7
MINI CT MT REC ASSY 17P GRAYTE Part #1-353293-1
MINI CT MT REC ASSY 11P GRAYTE Part #4-353294-0
AMP MINI D/R HDR HSG 40P NATUTE Part #1-353293-8
MINI CT MT REC ASSY 18P GRAYTE Part #1-353293-3
MINI CT MT REC ASSY 13P GRAYTE Part #1-353293-2
MINI CT MT REC ASSY 12P GRAY

Documents

Product Drawings

[CT RELAY HDR ASSY 9P NAT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_292254-9_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_292254-9_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_292254-9_D.3d_stp.zip](#)



English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[2.0MM_AMP_CT_CONNECTOR_SERIES_QUICK_REF_GUIDE](#)

English

Product Specifications

[AMP COMMON TERMINATION \(CT\), CONNECTOR, 2mm PITCH, M/T TYPE, LEAD FREE VERSION](#)

Japanese

[Product Specification](#)

Japanese

Product Environmental Compliance

[MD_292254-9_070220182325_dmtec](#)

English

[MD_292254-9_070220182325_dmtec](#)

English