

1-5164713-1 ✓ ACTIVE

MINI-MATCH

TE Internal #: 1-5164713-1

PCB Mount Header, Vertical, Board-to-Board, 11 Position, 2.5 mm [.098 in] Centerline, Unshrouded, Tin, Through Hole - Solder, Power & Signal, Green

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Vertical**

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

Features

Other

EU RoHS Compliance **Compliant**

EU ELV Compliance **Compliant**

Product Type Features

PCB Connector Assembly Type **PCB Mount Header**

Connector System **Board-to-Board**

Header Type **Unshrouded**

Sealable **No**

Connector & Contact Terminates To **Printed Circuit Board**

Configuration Features

Number of Columns **11**

PCB Mount Orientation **Vertical**

Number of Positions **11**

Body Features

Primary Product Color **Green**

Contact Features

Contact Mating Area Plating Material Thickness **3.04 μ m[120 μ in]**

Mating Tab Width **2.79 mm[.11 in]**

Contact Layout **Inline**



Contact Base Material	Phosphor Bronze
Mating Tab Thickness	.5 mm[.02 in]
Contact Mating Area Plating Material	Tin
Contact Type	Tab
Contact Current Rating (Max)	7 A

Termination Features

Rectangular Termination Post & Tail Width	.78 mm[.03 in]
Rectangular Termination Post & Tail Thickness	.5 mm[.02 in]
Termination Post & Tail Length	3.2 mm[.125 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF20
Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

Connector Width	6.3 mm[.248 in]
PCB Thickness (Recommended)	1.6 mm[.06 in]
Connector Height	5.9 mm[.232 in]
Connector Length	27.5 mm[1.083 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
-----------------------------	---------------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

Compatible With Agency/Standards Products	UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1500
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 2024 (241) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°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>

Compatible Parts



Customers Also Bought



TE Part #1-338168-2
9POL HDP20 PLUG



TE Part #826947-4
4P MOD2 STIFT LEI



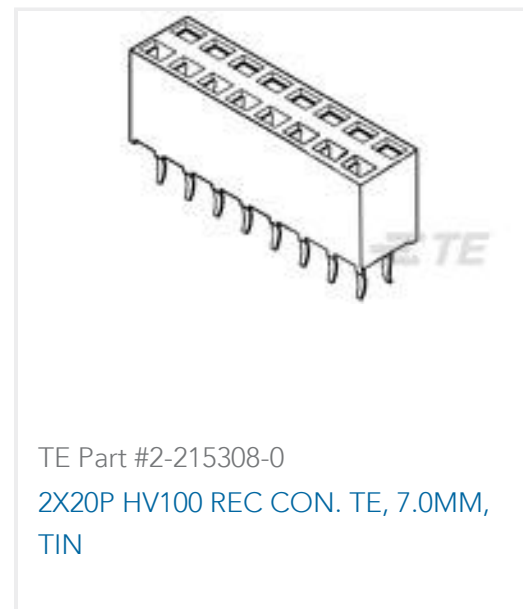
TE Part #1565994-4
RITS HDR ASSY R/A SMT TYPE 4P
WITH BOSS



TE Part #5-826947-0
MOD2 PIN HEADER 50P



TE Part #6-1625890-4
2W SM M/OX 5% 680R



TE Part #2-215308-0
2X20P HV100 REC CON. TE, 7.0MM,
TIN



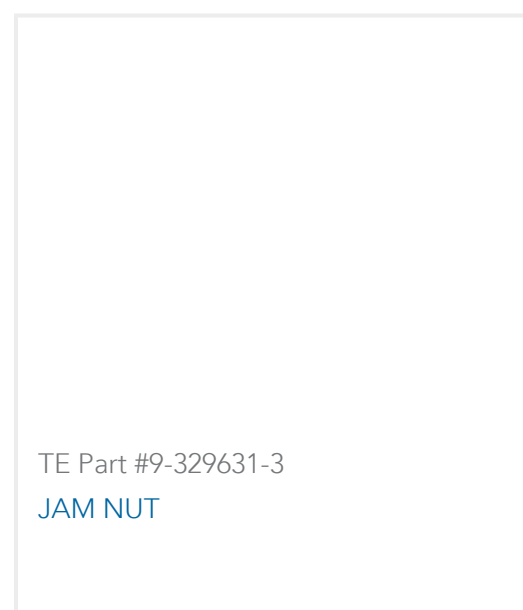
TE Part #225457-E
M12 FEMALE, A CODE, RA, 5P THR
REAR MOUNT



TE Part #254587-E
SMCQ 16 M AB VV 8-13 CL * H007 137
E005



TE Part #5-2301995-4
RJ45 JACK INT.MAG. 1GB LED 1X1
VERT.



TE Part #9-329631-3
JAM NUT

Documents

Product Drawings

[11P.MINI-MATCH ASSY](#)

English

CAD Files

Customer View Model

[ENG_CVM_1-5164713-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-5164713-1_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-5164713-1_A.2d_dxf.zip](#)

English

[3D PDF](#)

English

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

Product Specifications



Product Specification

Mini Match Connection System

English

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

German