5745001-2 × OBSOLETE

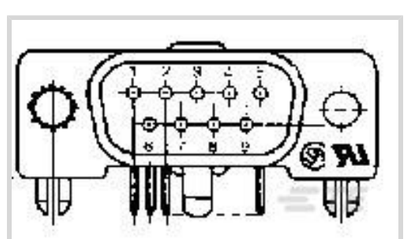
AMPLIMITE

TE Internal #: 5745001-2

TE Internal Description: HDJ PLUG 9P RA 590

View on TE.com >

Connectors > D-Shaped Connectors



Number of Positions: **9**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Panel Mount & Board Mount**

Connector Shell Size: **1**

Features

Product Type Features

Shell Material Configuration	All Plastic
Connector & Housing Type	Plug
Connector System	Board-to-Board
Connector Shell Size	1
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	9
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

	30 µin
Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Shape & Form	Square

Contact Current Rating (Max)	6 A
Contact Options	Installed

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.18 mm[.125 in]
Square Termination Post & Tail Dimension	.63 mm[.025 in]

Mechanical Attachment

	.125 in
Connector Mounting Type	Panel Mount & Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	Without

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.74 mm[.108 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Row-to-Row Spacing	2.84 mm[.112 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	17
Packaging Method	Tube

Product Compliance

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

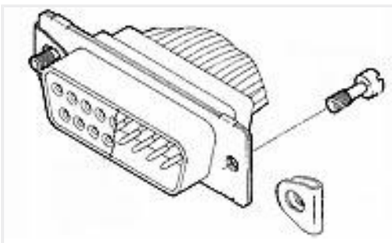
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant

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: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 #211883-5
SCREW RETAINER KIT,AMPLIMITE



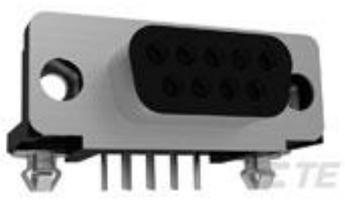
TE Part #2-1393237-8
RT424012F



TE Part #6-1879354-7
RR03 5% 180R AMMO



TE Part #5747840-4
HD-20 PLUG RA .318 FMS BD-LK 4



TE Part #5747844-4
09 MSFL RCPT RA 318 (IN,FM,BL)



TE Part #5747846-4
25 MSFL RCPT RA 318 (IN,FM,BL)



TE Part #6609116-3
6EHG1-2=F7704 S0

Documents

Product Drawings

HDJ PLUG 9P RA 590

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5745001-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5745001-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5745001-2_A.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

Agency Approvals

UL Report

English