

5745001-2 ACTIVE

AMPLIMITE

TE Internal #: 5745001-2

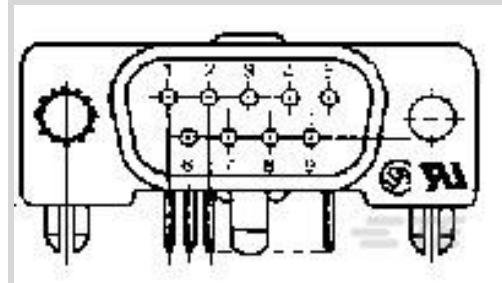
PCB D-Sub Connectors, Plug, Board-to-Board, 9 Position, 2.74 mm [.108 in] Centerline, 2 Row, 1 Connector Shell Size, Square, Standard Profile

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Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors >

D-Sub Plug Assembly: Standard, Right Angle, Shell Size 1, 2.74mm



Connector & Housing Type: **Plug**

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

Number of Positions: **9**

Centerline (Pitch): **2.74 mm [.108 in]**

Number of Rows: **2**

[All D-Sub Plug Assembly: Standard, Right Angle, Shell Size 1, 2.74mm \(53\)](#)

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 μ in
Contact Mating Area Plating Material	Gold, Gold Flash
Contact Underplating Material	Palladium Nickel

PCB Contact Termination Area Plating Material

Tin

Contact Base Material

Brass

Contact Shape & Form

Square

Contact Current Rating (Max)

6 A

Termination Features

Square Termination Post & Tail Dimension

.63 mm [.025 in]

Termination Post & Tail Length

3.18 mm [.125 in]

Termination Method to Printed Circuit Board

Through Hole - Solder

Mechanical Attachment

.125 in

PCB Mount Retention

With

PCB Mount Retention Type

Boardlock

Mating Retention

Without

Connector Mounting Type

Panel Mount

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 ComplianceFor 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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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	Wave solder capable to 265°C

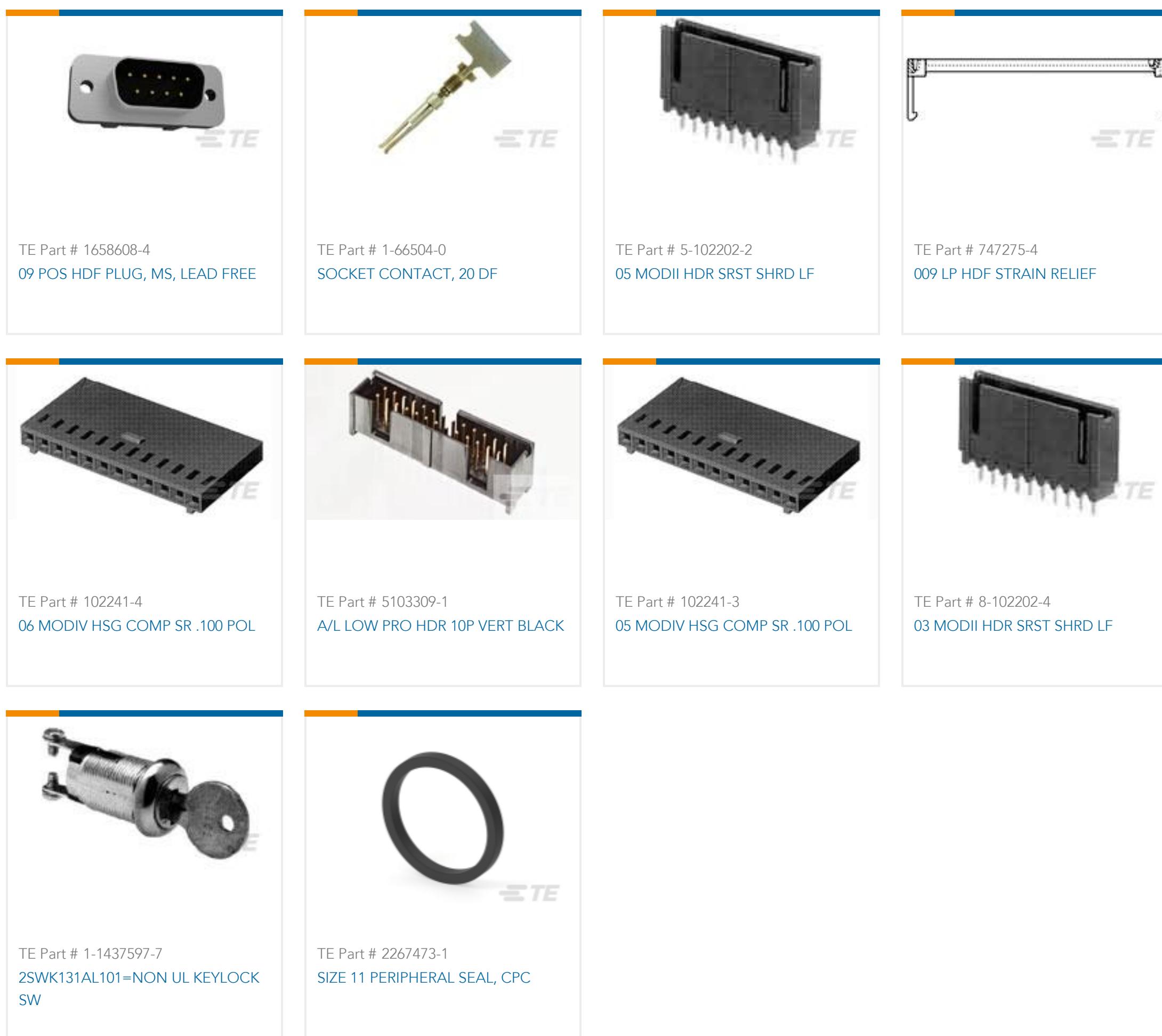
Product Compliance Disclaimer

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>

Compatible Parts



Customers Also Bought



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

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Product Specifications

Application Specification

English

Agency Approvals

[UL Report](#)

English