5745052-2 ✔ ACTIVE

AMPLIMITE

TE Internal #: 5745052-2

PCB D-Sub Connectors, Plug, Board-to-Board, 15 Position, 2.74 mm [.108 in] Centerline, 2 Row, 2 Connector Shell Size, Round, Standard Profile

View on TE.com >

Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors > D-Sub Plug Assembly: Standard, Vertical, Shell Size 2, 2.74mm



Connector & Housing Type: **Plug**

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

Number of Positions: **15**

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

Number of Rows: **2**

All D-Sub Plug Assembly: Standard, Vertical, Shell Size 2, 2.74mm (28)

Features

Product Type Features

Shell Material Configuration	All Plastic
Connector & Housing Type	Plug
Connector System	Board-to-Board
Connector Shell Size	2
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	15
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Mating Retention Feature Material	Brass
Primary Product Color	Black
Connector Profile	Standard

Contact Features

	30 µin
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel

PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Shape & Form	Round
Contact Current Rating (Max)	6 A

Termination Features

Round Termination Post & Tail Diameter	.66 mm[.026 in]
Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Retention	With
Mating Retention Type	Threaded Insert, 4-40 UNC
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.57 - 2.36 mm[.062 - .093 in]
Row-to-Row Spacing	2.84 mm[.112 in]

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	13
Packaging Method	Tube

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (3.7% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



TE Part # 745205-7
15 HDE AP RECEPT, LEAD FREE



TE Part # CAT-AM7-253
IDC D-Sub: Receptacle Assembly, Low Profile, Signal, 2.77 mm

Customers Also Bought



TE Part # 207464-7
HDP-20,PLUG,SIZE 3, 25 POSN



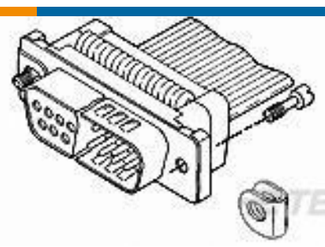
TE Part # 1-66504-0
SOCKET CONTACT, 20 DF



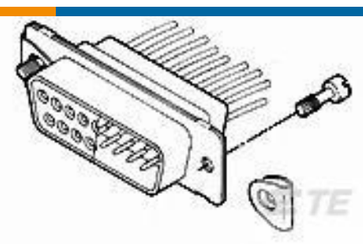
TE Part # 205205-2
CRIMP SNAP RCPT ASSY,SIZE 2



TE Part # 6609046-2
3ET3=F7310 S0



TE Part # 5746881-1
MALE SCREW RETAINER KIT



TE Part # 5205980-4
SCREW RETAINER KIT



TE Part # 208010-2
50 PLUG SP/AP STD

Documents

Product Drawings

HD-20 PLUG 15P VERT THD INS

English

Datasheets & Catalog Pages

AMPLIMITE Subminiature D Connectors - Straight Posted Connectors

English

Product Specifications

Product Specification

English

Agency Approvals

UL Report

English