

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 \(29\)](#)

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 μ in
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]
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Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	13
Packaging Method	Tube

Other

D-Shaped Connectors Comment

Plugs are preloaded with size 20 DF posted pin contacts

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: JUNE 2023
(235)

Candidate List Declared Against: JUNE
2023 (235)

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

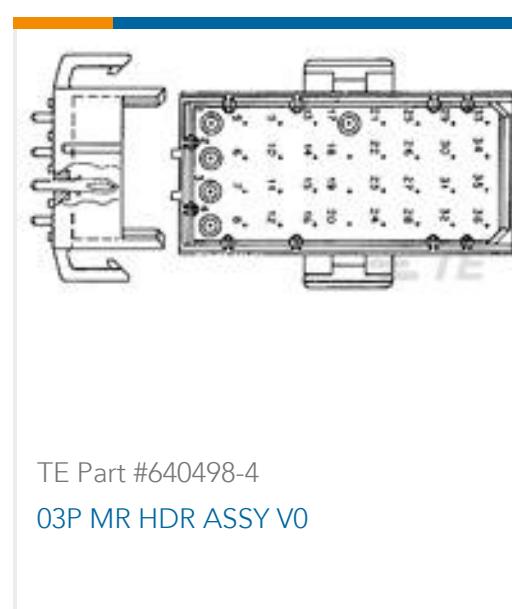


TE Part # 745205-7
15 HDE AP RECEPT, LEAD FREE



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

Customers Also Bought

TE Part #5747714-2
37 RCPT ACT PIN/MS MED INSRTTE Part #204517-2
AMPLIMITE,ASY,PLUG,STD,90,3TE Part #3-1437667-6
4DB-P108-12=4DB ASSEMBLYTE Part #1-5499923-1
A/L UNIV HDR 60P VERT LG LATTE Part #2-747704-0
25 PLUG SP/FMS BRDLKTE Part #640498-4
03P MR HDR ASSY V0TE Part #YDIV44E15-18SNC009
RECP ASSYTE Part #YDIV46E11-99SAC009
PLUG ASSY

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