



Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm



Connector & Housing Type: **Plug**

Solid Wire Size: **.1 – .13 mm²**

Shielded: **No**

Connector System: **Cable-to-Cable**

[All IDC D-Sub: Plug Assembly, Low Profile, Signal, 2.77 mm \(17\)](#)

Features

Product Type Features

Shell Material Configuration	All Plastic
Ground Feature Type	Grounding Indents
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Product Type	Connector Assembly
Connector Shell Size	1
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9
Number of Rows	2
Compatible With Wire & Cable Type	Ribbon Cable

Body Features

Cable Exit Angle	180°
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Mating Retention Feature Material	Steel
Ribbon Cable Centerline Spacing	1.27 mm[.05 in]
Connector Profile	Low
Cover Material	Thermoplastic

Contact Features

Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Wire Contact Termination Area Plating Material	Tin
Contact Options	Installed
Contact Size	Size 20
Contact Current Rating (Max)	1.25 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Mating Retention	With
Mating Retention Type	Threaded Insert, 4-40 UNC
Mating Retention Feature Plating Material	Zinc
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.77 mm[.055 in]

Dimensions

Accepts Cable Insulation Diameter Range	.81 – .97 mm[.032 – .038 in]
Solid Wire Size	.1 – .13 mm²
Wire Size	28 – 26 AWG

Usage Conditions

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

Circuit Application	Signal
Shielded	No

Industry Standards



UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tube
Packaging Quantity	40

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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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

TE Part # CAT-023-DRARS1274
D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm

TE Part # CAT-025-DRAVS1274
D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm

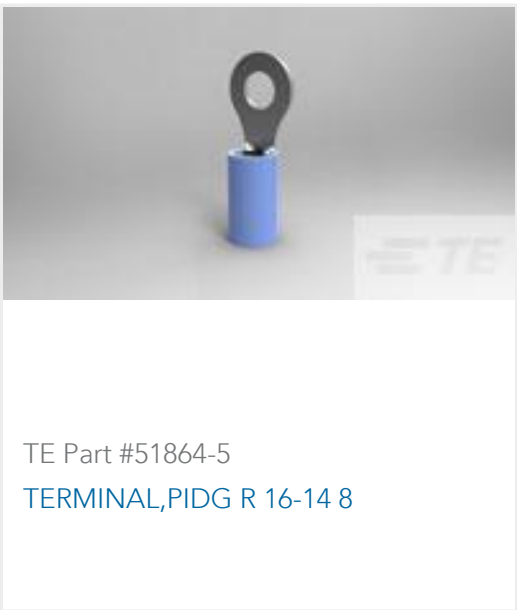
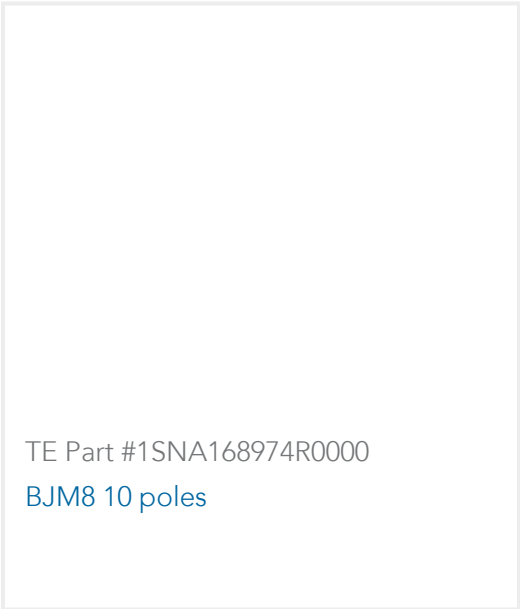
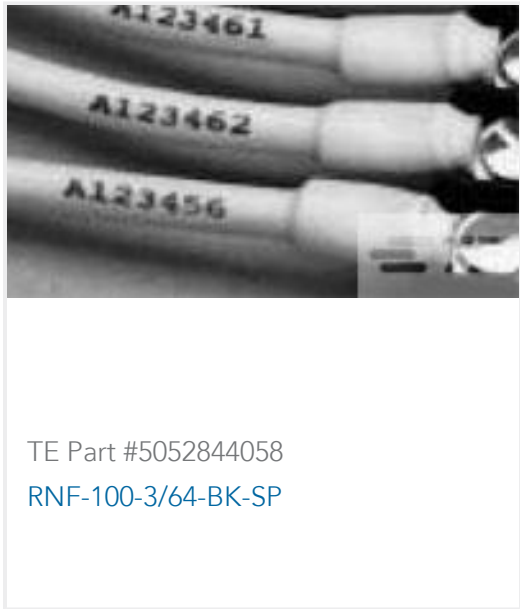
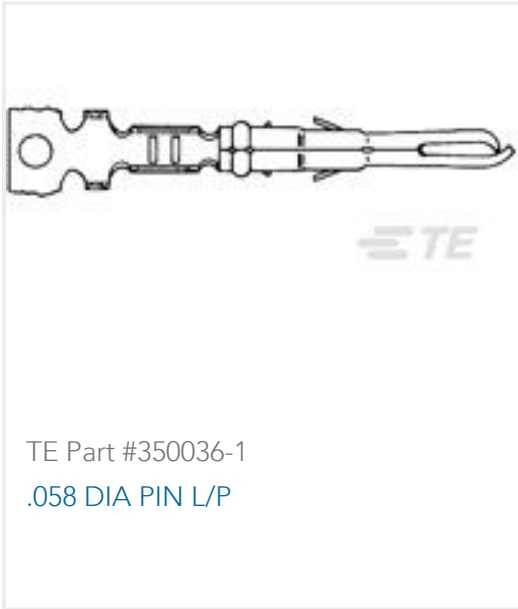
TE Part # 768340-1
UNIV HAND TOOL KIT AMPLATCH



Also in the Series | **AMPLIMITE HDF**



Customers Also Bought





Documents

Product Drawings

09 POS HDF PLUG, AP, LEAD FREE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658611-4_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1658611-4_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1658611-4_C.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPLIMITE Subminiature D Connectors - Cable Connectors

English

AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG

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Product Specifications

Product Specification

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Agency Approvals

CSA Certificate

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