



Connectors > D-Shaped Connectors



Number of Positions: 9

Connector & Housing Type: Plug

Connector System: Cable-to-Board

Connector Mounting Type: Cable Mount (Free-Hanging)

Connector Shell Size: 1

Features

Product Type Features

|                                   |                   |
|-----------------------------------|-------------------|
| Shell Material Configuration      | Full Metal Shell  |
| Ground Feature Type               | Grounding Indents |
| Connector & Housing Type          | Plug              |
| Connector System                  | Cable-to-Board    |
| Connector Shell Size              | 1                 |
| Sealable                          | No                |
| Connector & Contact Terminates To | Wire & Cable      |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 9 |
|---------------------|---|

Body Features

|                        |               |
|------------------------|---------------|
| Shell Plating Material | Tin           |
| Cable Exit Angle       | 180°          |
| Primary Product Color  | Black         |
| Insert Material        | Thermoplastic |

Contact Features

|                                      |            |
|--------------------------------------|------------|
|                                      | .8 μin     |
| Contact Underplating Material        | Nickel     |
| Contact Mating Area Plating Material | Gold Flash |



|                                               |                 |
|-----------------------------------------------|-----------------|
| Contact Base Material                         | Phosphor Bronze |
| PCB Contact Termination Area Plating Material | Tin-Copper      |
| Contact Type                                  | Pin             |
| Contact Size                                  | Size 20         |
| Contact Current Rating (Max)                  | 3 A             |
| Contact Options                               | Installed       |

Termination Features

|                                    |            |
|------------------------------------|------------|
| Termination Method to Wire & Cable | Solder Cup |
|------------------------------------|------------|

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
| Mating Retention        | With                       |
| Mating Retention Type   | Clinch Nut, 4-40 UNC       |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Shell Material     | Steel           |
| Centerline (Pitch) | 2.79 mm[.11 in] |

Dimensions

|           |        |
|-----------|--------|
| Wire Size | 20 AWG |
|-----------|--------|

Usage Conditions

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

Operation/Application

|                     |        |
|---------------------|--------|
| Shielded            | Yes    |
| Circuit Application | Signal |

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | Tray |
|------------------|------|

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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                        | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                  |
| Solder Process Capability              | Hand solderable with lead free solder                                                                                           |

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 # 3-338313-2  
9P.HDP20 REC. ASSY

Customers Also Bought

TE Part #ASDD610-23PD  
PLUG ASSY 10-23 AS DOUBLE DENSITY

TE Part #T4110502051-000  
M12,FEMALE,STRAIGHT,D CODE,5P, PG9,GOLD

TE Part #2-34144-1  
PG R 22-16 COMM 22-18 MIL 6

TE Part #292206-9  
MINI CT SGL DIP H 9P NAT



TE Part #747150-7  
09 RCPT SP/FMS INSRT



TE Part #5-747905-5  
9 Rcpt Solder Cup, 30 gold, Ro



TE Part #1-965641-1  
FLACH-STE-GEH2,8 6P



TE Part #3-2176311-7  
RP 1E 0.1W 2K74 0.1% 25PPM 1K RL



TE Part #2329906-1  
Power Versa-Lock TAB, 18-20, 2X22  
AWG



TE Part #2344654-7  
WLAN DUAL BAND ANTENNA PCB V  
150 MHF4 TY

Documents

Product Drawings

9 Plug Solder Cup, G/F w/ CN,

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-747904-8\_V\_c-5-747904-8-v.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-747904-8\_V\_c-5-747904-8-v.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-747904-8\_V\_c-5-747904-8-v.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

5-747904-8

9 Position D-Shaped Connector, Plug, Cable-to-Board, Cable Mount (Free-Hanging),  
Shell Size 1, 2.79 mm [.11 in] Centerline, Wire & Cable, Signal



English