



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



Connector & Housing Type: **Receptacle**

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

Number of Positions: **68**

Centerline (Pitch): **.8 mm [.031 in]**

Number of Rows: **4**

Features

Product Type Features

Center Ground Plate	Without
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Shielded	Yes
Product Classification	Connector - Wire-to-Board
Product Type	Connector
Product Category	Connectors - Printed Circuit Board

Configuration Features

Stacked	No
Number of Signal Positions	68
Number of Positions	68
Number of Rows	4
PCB Mount Orientation	Right Angle



Preloaded	Yes
Body Features	
Insert Material	Thermoplastic
Connector Profile	High
Post Size	.254 mm
Shell Plating Material	Nickel over Copper
Shell Material	Carbon Steel
Contact Features	
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1.5 A
Contact Mating Area Plating Thickness	.76 µm[30 µin]
Termination Features	
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	2.27 mm[.089 in]
Mechanical Attachment	
PCB Mount Alignment Type	2 Pylons
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Brackets
Connector Mounting Type	Board Mount
Boardlock Plating Material	Tin
Mounting Angle	Right Angle
Mounting Hole Diameter	1.2 mm
Boardlock Material	Steel
Housing Features	
Centerline (Pitch)	.8 mm[.031 in]
Housing Material	Thermoplastic



Housing Color	Black
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Dimensions

Row-to-Row Spacing	1.15 mm[.045 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Insert Flammability Rating	UL 94V-0
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box
Packaging Quantity	32

Other

Comment	Row 1 - kinked legs
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°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 # CAT-469-D650155
IDC D-Sub: Connector Kit, Plug, Signal, 0.8 mm

Also in the Series | CHAMP .8 mm Connector

D-Sub Backshells & Clamps(5)

D-Sub Locking & Mounting(2)

IDC D-Sub Connectors(3)

PCB D-Sub Connectors(7)

Customers Also Bought

TE Part #2-767004-2
MICT,RECPT,038,ASSY,.025,REC

TE Part #1410975-3
MULTIGIG RT2 7RW DC RTM CT

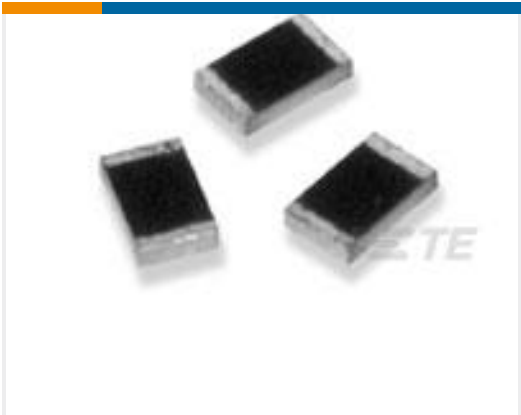
TE Part #1-1469492-9
MULTIGIG RT 9MM GUIDE/ESD UNKE

TE Part #1871059-1
SHIELD FINGER 1715 ON TAPE (EM)





TE Part #1060904-1
[MCX R/A PLUG CRIMP 5837 5010 10](#)



TE Part #2-1879260-8
[RP 2B 3K32 0.1% 15PPM CUT LENGTH](#)



TE Part #1-1879214-9
[CPF 0402 499R 0.1% 25PPM 1K RL](#)



TE Part #1-1761685-5
[IDC LOW PRO HDR 50P VERT SHT LAT](#)



TE Part #1775073-1
[SHIELD FINGER 434025N7](#)



TE Part #AAE0383-00
[100P3337-M3-4-20-1-C](#)

Documents

Product Drawings

[68 CHAMP R/A ASSY,LC](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5796055-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5796055-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5796055-1_C.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English



Mass Termination Tooling Assembly 543580-1 & Cutter Subassembly 543610

English