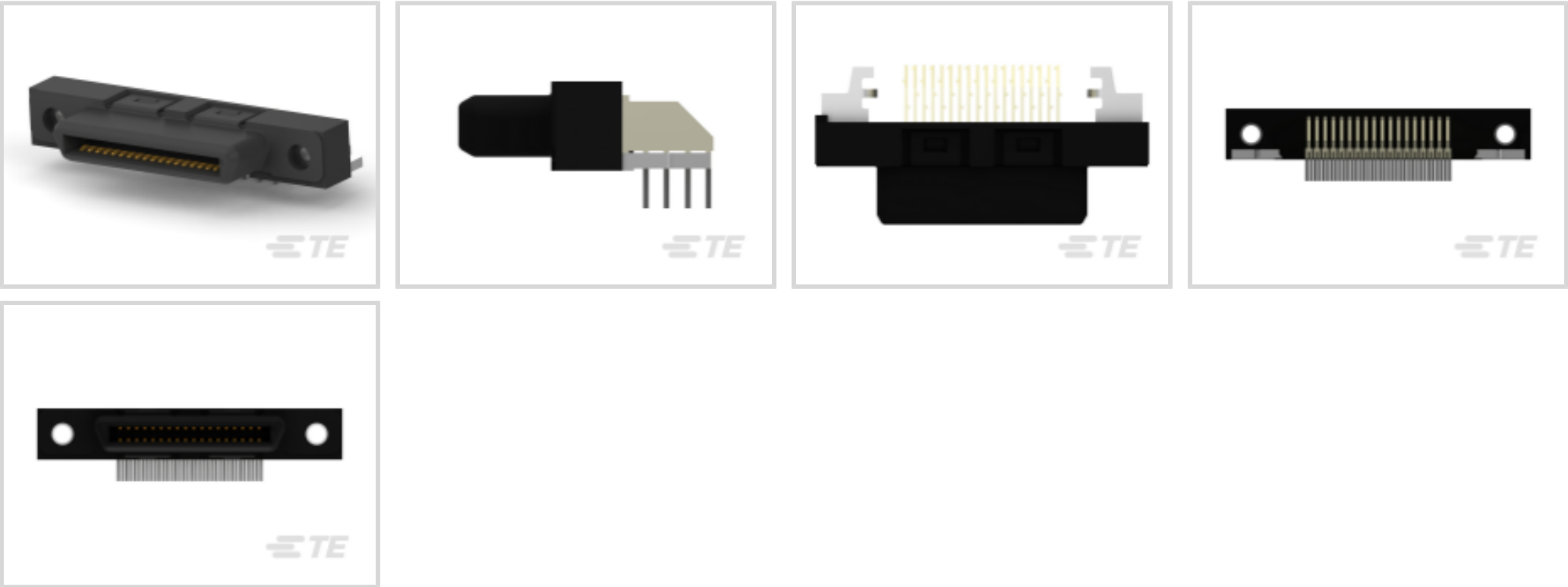




Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors



Connector & Housing Type: **Receptacle**

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

Number of Positions: **36**

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

Number of Rows: **2**

Features

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476

Termination Features

Rectangular Termination Post & Tail Width	.3 mm[.011 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Method to PCB	Through Hole - Solder, Surface Mount
Termination Post & Tail Length	2.1 mm[.083 in]

Packaging Features

Packaging Quantity	48
Packaging Method	Package

Operation/Application

Shielded	Yes
Circuit Application	Signal



Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Options	Installed
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1.5 A, .3 A, .5 A

Mechanical Attachment

Mounting Hole Diameter	1.2 mm
PCB Mount Alignment	Without
Assembly Process Feature Plating Material	Tin-Lead over Nickel
PCB Mount Retention	With
PCB Mount Retention Type	Retention Leg
Mating Retention	With
Mating Retention Type	Mounting Holes
Connector Mounting Type	Board Mount

Body Features

Assembly Process Feature Material	Brass
Insert Material	Thermoplastic
Shell Plating Material	Nickel over Copper
Primary Product Color	Black
Connector Profile	Low

Dimensions

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

Housing Features

Housing Material	Thermoplastic
Shell Material	Carbon Steel
Centerline (Pitch)	.8 mm[.031 in]

Configuration Features

Number of Signal Positions	36
Number of Positions	36



Number of Rows	2
PCB Mount Orientation	Right Angle

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 5787775-1
68 .8MM CHAMP OFFSET CBL KIT

Also in the Series | CHAMP .8 mm Connector

Connector Backshells(5)

Connector Hardware(2)

D-Sub Backshells & Clamps(5)

IDC D-Sub Connectors(3)

PCB D-Sub Connectors(8)

Customers Also Bought

TE Part #3-106505-2
9P.HDP20 REC.ASSY.

TE Part #T4140012081-000
M12,REAR MOUNT,MALE,A,8P,
SOLDER PCB

TE Part #2071366-1
EW60-1A3-BL12D04,00000

TE Part #2-1614885-8
CPF 0805 1M0 0.1% 25PPM 1K RL

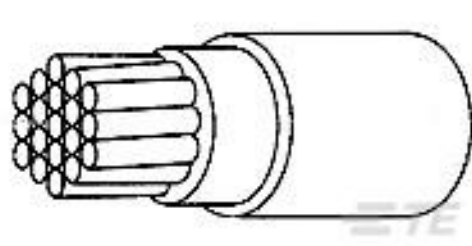




TE Part #4-1437719-8

T01-0560-P04-MALE REC PANEL-PCB

MOUNT RA



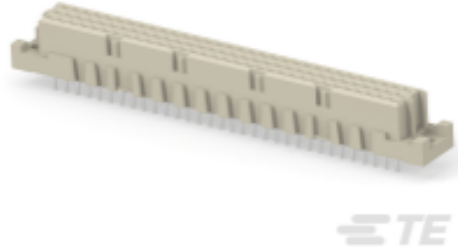
TE Part #5956233001

100G0111-0.60-9



TE Part #154764-E

SMCB 26 M AB VV 7-03 CL * 0007 137 E004



TE Part #224411-E

STVC 64 F AC VV 7-00 TL 4,0 * 247 E007 1



TE Part #966306-3

MOD2 ST-LEI SMD 3P



TE Part #796055-2

68 CHAMP R/A ASSY,LC

Documents

Product Drawings

36 .8MM CHAMP RCPT ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5787973-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5787973-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5787973-1_A.3d_stp.zip

English

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

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