2-5175887-9 ✔ ACTIVE

CHAMP

TE Internal #: 2-5175887-9

100 Position D-Shaped Connector, Receptacle, Cable-to-Board, Panel Mount & Board Mount, 1.27 mm [.05 in] Centerline, Printed Circuit Board, Signal

View on TE.com >

Connectors > D-Shaped Connectors > CHAMP D-Sub Receptacle Assembly: Vertical, 1.27mm



Number of Positions: **100**

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Panel Mount & Board Mount**

Centerline (Pitch): **1.27 mm [.05 in]**

All CHAMP D-Sub Receptacle Assembly: Vertical, 1.27mm (4)

Features

Product Type Features

Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	100
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Shield Plating Material	Nickel over Copper
Shield Material	Steel
Shell Plating Material	Nickel
Primary Product Color	Black
Connector Profile	Standard

Contact Features

	30 µin
Contact Mating Area Plating Material	Gold (Au)

Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Shape & Form	Spring
Contact Current Rating (Max)	.5 A, 1 A
Contact Options	Installed

Termination Features

Rectangular Termination Post & Tail Width	.4 mm[.015 in]
Rectangular Termination Post & Tail Thickness	.32 mm[.012 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.1 mm[.122 in]

Mechanical Attachment

Mounting Hole Diameter	2.8 mm
Connector Mounting Type	Panel Mount & Board Mount
PCB Mount Retention	Without
Mating Retention	With
Mating Retention Type	Bail Lock

Housing Features

Housing Material	Thermoplastic
Shell Material	Steel
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Panel Thickness (Recommended)	2.01 mm[.079 in]
PCB Thickness (Recommended)	1.6 mm[.062 – .093 in]
Row-to-Row Spacing	1.9 mm[.075 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	5
Packaging Method	Tube

Product Compliance

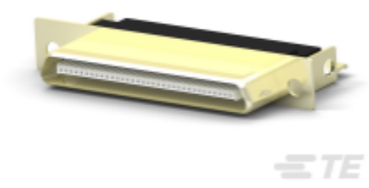
For compliance documentation, visit the product page on TE.com>

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) 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	Wave solder capable to 265°C

Product Compliance Disclaimer

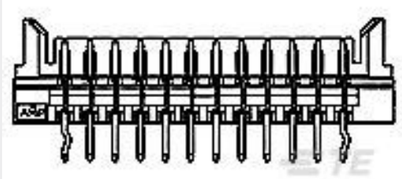
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

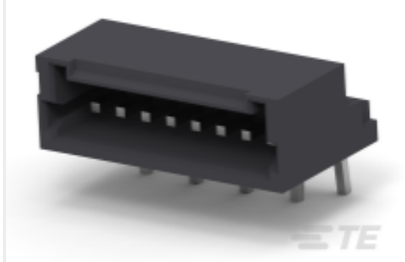


TE Part # 5787775-1
68 .8MM CHAMP OFSET CBL KIT

Customers Also Bought



TE Part #3-179868-0
2.0 AF TAB ASSY 30P B/TRAY



TE Part #2-292206-8
MINI CT SGL DIP H 8P BLACK



TE Part #2-292208-2
MINI CT D/R DIP 22P V NAT



TE Part #2-292208-6
MINI CT D/R DIP 26P V NAT



TE Part #3-292208-8
MINI CT D/R DIP 38P V NAT



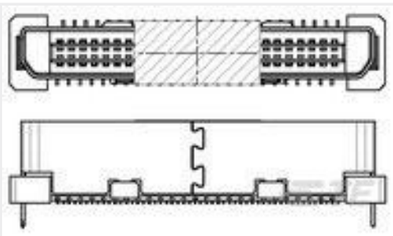
TE Part #4-292208-0
MINI CT D/R DIP 40P V NAT



TE Part #5-292208-4
MINI CT D/R DIP 34P BLACK



TE Part #5-292208-6
MINI CT D/R DIP 36P BLACK



TE Part #2040809-1
1mm WIRE TO BOARD REC ASSY VERTICAL



TE Part #5569564-4
MJ ASSY,R/A,8 POS,LED GRN&GRN

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_2-5175887-9_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-5175887-9_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-5175887-9_O.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

CHAMP 050 II Shield Case Kit (Original Type)

English

Application Specification

English

Agency Approvals

UL Report

English