

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
------------------------	----------

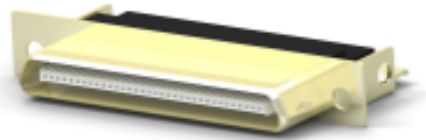
Packaging Features

--	--



Packaging Quantity	5
Packaging Method	Tube

Compatible Parts



TE Part # 5787775-1

68 .8MM CHAMP OFFSET CBL KIT

Customers Also Bought



TE Part #60705-1

FASTON 250 REC 18-14 AWG NPST



TE Part #3-292173-2

CT BOX HDR H SMT 2P O/TAPE NAT



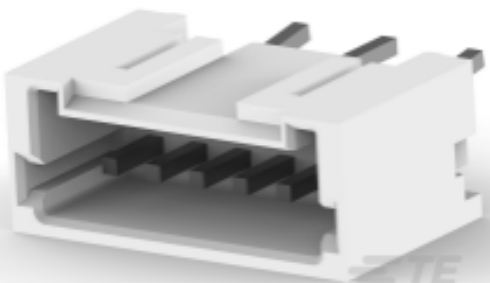
TE Part #292207-9

MINI CT SGL DIP V 9P NAT



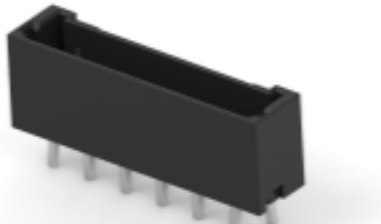
TE Part #2-292207-0

MINI CT SGL DIP V 20P NAT



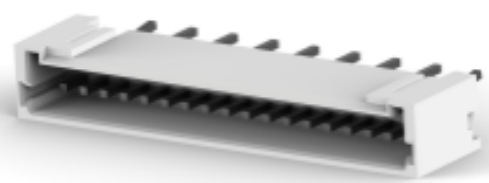
TE Part #2-292207-6

MINI CT SGL DIP V 6P BLACK



TE Part #3-292207-2

MINI CT SGL DIP V 12P BLACK



TE Part #3-292207-8

MINI CT SGL DIP V 18P BLACK



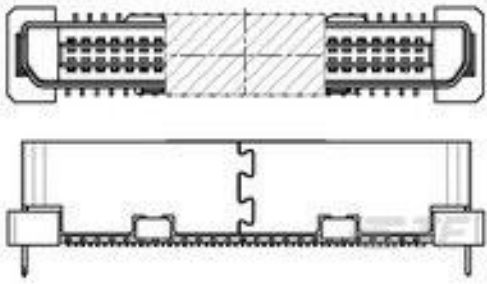
TE Part #2-292208-8

MINI CT D/R DIP 28P V NAT



TE Part #3-292208-4

MINI CT D/R DIP 34P V NAT



TE Part #2040809-1

1mm WIRE TO BOARD REC ASSY VERTICAL

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