5175887-1 × OBSOLETE

CHAMP

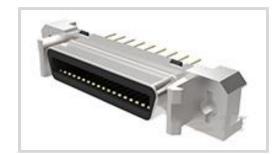
TE Internal #: 5175887-1

TE Internal Description: CHAMP 050-2 REC HDR ASSY V 14P

View on TE.com >



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



Connector & Housing Type: Receptacle

Number of Positions: 14

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

Number of Rows: 2

Row-to-Row Spacing: 1.9 mm [.075 in]

Features

Product Type Features

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

Configuration Features

Number of Positions	14
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Shell Plating Material	Nickel
Primary Product Color	Black
Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
	30 μin
Contact Options	Installed

Termination Features



Rectangular Termination Post & Tail Width	.4 mm[.015 in]
Rectangular Termination Post & Tail Thickness	.32 mm[.012 in]
Termination Post & Tail Length	3.1 mm[.122 in]
Mechanical Attachment	
Mounting Hole Diameter	2.8 mm
PCB Mount Retention	Without
Mating Retention	With
Mating Retention Type	Bail Lock
Connector Mounting Type	Panel Mount
Housing Features	
Llausia a Matarial	Thermoplastic, Zinc Die Cast
Housing Material	memopiastic, zinc Die Cast
Shell Material	Steel Steel
Shell Material	Steel
Shell Material Centerline (Pitch)	Steel
Shell Material Centerline (Pitch) Dimensions	Steel 1.27 mm[.05 in]
Shell Material Centerline (Pitch) Dimensions Panel Thickness (Recommended)	Steel 1.27 mm[.05 in] 2.01 mm[.079 in]
Shell Material Centerline (Pitch) Dimensions Panel Thickness (Recommended) PCB Thickness (Recommended)	Steel 1.27 mm[.05 in] 2.01 mm[.079 in] 1.6 mm[.062 in]
Shell Material Centerline (Pitch) Dimensions Panel Thickness (Recommended) PCB Thickness (Recommended) Row-to-Row Spacing	Steel 1.27 mm[.05 in] 2.01 mm[.079 in] 1.6 mm[.062 in]
Shell Material Centerline (Pitch) Dimensions Panel Thickness (Recommended) PCB Thickness (Recommended) Row-to-Row Spacing Industry Standards	Steel 1.27 mm[.05 in] 2.01 mm[.079 in] 1.6 mm[.062 in] 1.9 mm[.075 in]
Shell Material Centerline (Pitch) Dimensions Panel Thickness (Recommended) PCB Thickness (Recommended) Row-to-Row Spacing Industry Standards UL Flammability Rating	Steel 1.27 mm[.05 in] 2.01 mm[.079 in] 1.6 mm[.062 in] 1.9 mm[.075 in]

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 2025 (247) Candidate List Declared Against: JUN 2018 (191) 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

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

Customers Also Bought



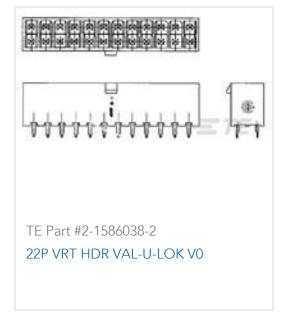






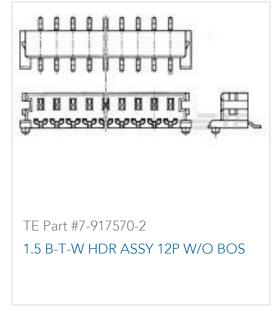












Documents

CAD Files



Customer View Model

ENG_CVM_CVM_5175887-1_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5175887-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5175887-1_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