

2-5175887-1 x OBSOLETE

CHAMP

TE Internal #: 2-5175887-1

TE Internal Description: CHAMP 050-2 REC 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

Configuration Features

Number of Positions	14
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

Contact Options	Installed
	30 μ m
PCB Contact Termination Area Plating Material	Tin

Termination Features

Rectangular Termination Post & Tail Thickness	.32 mm[.012 in]
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Rectangular Termination Post & Tail Width	.4 mm[.015 in]
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Termination Post & Tail Length	3.1 mm[.122 in]
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Mechanical Attachment

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

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

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

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	16
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Packaging Method	Tube
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUN 2018 (191) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per
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homogenous material. Also BFR/CFR/PVC Free

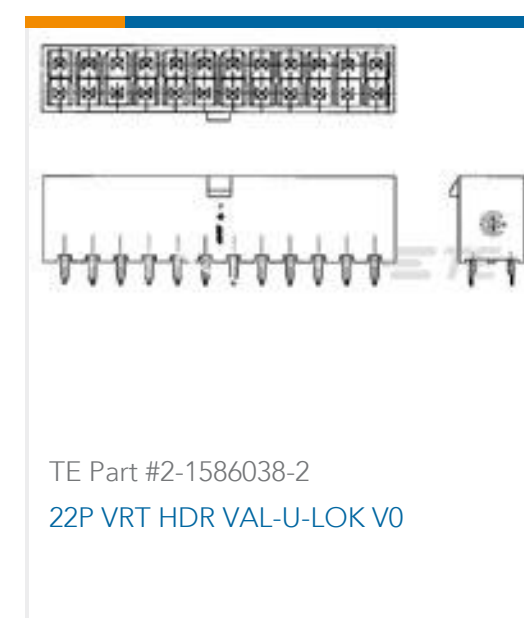
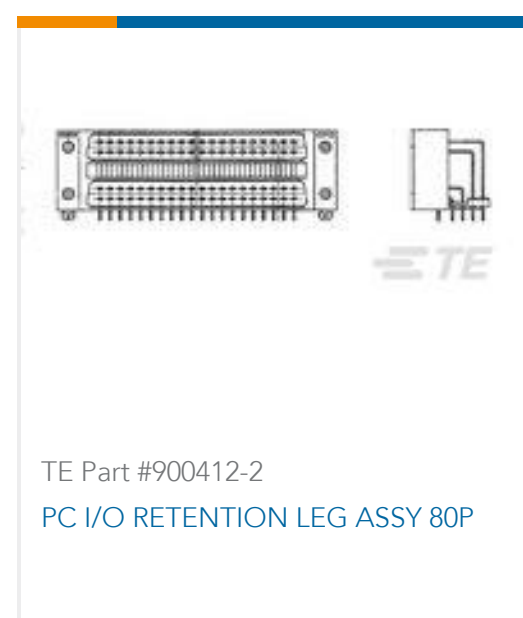
Solder Process Capability

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_2-5175887-1_O.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model



[ENG_CVM_CVM_2-5175887-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-5175887-1_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

Agency Approvals

UL Report

English