5175887-2 × OBSOLETE

CHAMP

TE Internal #: 5175887-2

TE Internal Description: CHAMP 050-2 REC ASSY V 20P

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Connectors > D-Shaped Connectors



Number of Positions: **20**

Connector & Housing Type: **Receptacle**

Connector Mounting Type: **Panel Mount**

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

Connector & Contact Terminates To: **Printed Circuit Board**

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	20
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Shell Plating Material	Nickel
Primary Product Color	Black
Connector Profile	Standard

Contact Features

	12 µin
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
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
Connector Mounting Type	Panel Mount
PCB Mount Retention	Without
Mating Retention	With
Mating Retention Type	Bail Lock

Housing Features

Housing Material	Thermoplastic, Zinc Die Cast
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 in]
Row-to-Row Spacing	1.9 mm[.075 in]

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tube
Packaging Quantity	14

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: JUL 2019 (201) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per

	homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

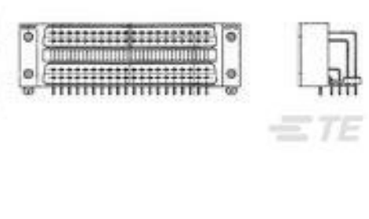
Product Compliance Disclaimer

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

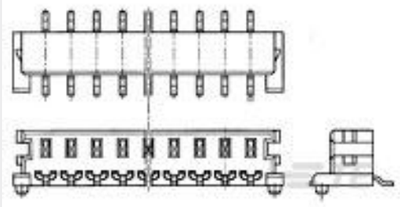
Customers Also Bought



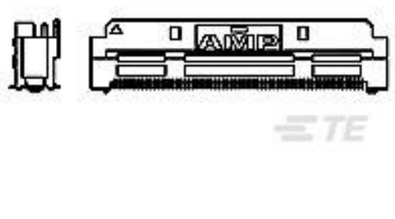
TE Part #ASA021N00210235000
623 PLUG



TE Part #900412-2
PC I/O RETENTION LEG ASSY 80P



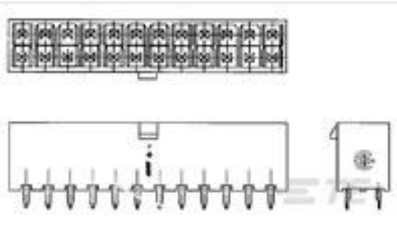
TE Part #7-917570-2
1.5 B-T-W HDR ASSY 12P W/O BOS



TE Part #1123677-1
Z-STACK TYPE F16 ASSY 130P



TE Part #1473226-1
SOCKET WITH RING MINI U-M-N-L



TE Part #2-1586038-2
22P VRT HDR VAL-U-LOK V0



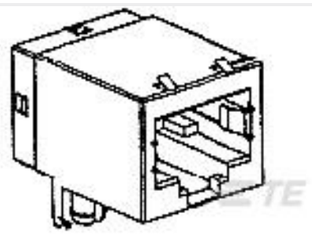
TE Part #1-1871673-3
DYNAMIC 1200D HDR ASSY H 6P BLACK TIN



TE Part #2229093-1
MOD JACK ASSEMBLY V-TYPE H=21.7mm



TE Part #1-2271457-8
D3950 HDR 8POS 1ROW X KEY



TE Part #5558342-3
MJ,8POS,R/A,CAT5,SHLD,PC GND

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_5175887-2_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5175887-2_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5175887-2_O.3d_stp.zip

English

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Product Specifications

CHAMP 050 II Shield Case Kit (Original Type)

English

Application Specification

English