316998-7 ✔ ACTIVE

CHAMP

TE Internal #: 316998-7

Receptacle, Wire-to-Board, 50 Position, 1.27 mm [.05 in] Centerline, 1 Row, 50 Signal Positions, Through Hole - Solder, Docking Connectors

View on TE.com >

Connectors > Docking Connectors







Docking Connector Style: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **50**

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

Number of Rows: **1**

Features

Product Type Features

Docking Connector Style	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	50
Number of Rows	1
Number of Signal Positions	50
PCB Mount Orientation	Right Angle

Contact Features

Contact Current Rating (Max)	1 A

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention Type	Boardlock
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	1.27 mm[.05 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

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

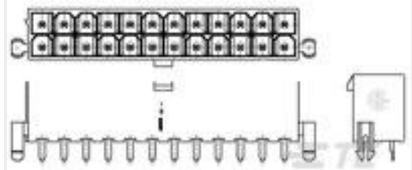
Customers Also Bought



TE Part #770997-1
04P CMNL SOK HDR ASSY



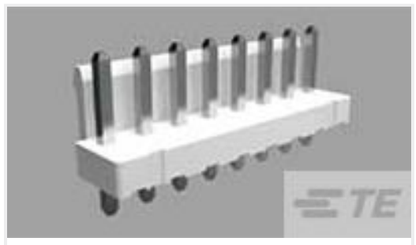
TE Part #1116504-2
MJ,10MM,8P,NO SHIELD,SN TAILS



TE Part #1586040-6
6P VAL-U-LOK VRT HDR W/P V0



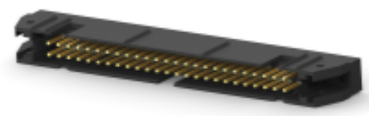
TE Part #2-1676966-9
SMW2 1R5 5%



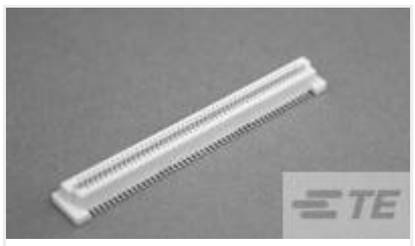
TE Part #1744037-6
06P EC PWR.200 CL HDR ASSY VRT



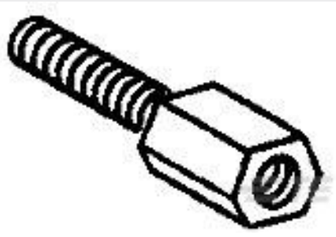
TE Part #2-2170808-4
QSFP28, 1X2, CAGE ASSY, SPRING, HS, LP



TE Part #CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



TE Part #5177985-2
0.8FH,R05H.5,060,08/Sn,TR,SC



TE Part #5748270-2
FEMALE SCREWLOCK,ZN PLTD

Documents

Product Drawings

CHAMP.050 REC HDR ASS'Y FMS TY

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_316998-7_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_316998-7_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_316998-7_C.3d_stp.zip

English

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

Product Specifications

CHAMP.050 Series(II) Connector Wire to Board Type

English

Product Specification

English