5917738-5 ✔ ACTIVE

CHAMP

TE Internal #: 5917738-5

36 Position D-Shaped Connector, Receptacle, Board-to-Board, Panel Mount & Board Mount, 1.27 mm [.05 in] Centerline, Printed Circuit Board, Signal

View on TE.com >

Connectors > D-Shaped Connectors



Number of Positions: **36**

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Panel Mount & Board Mount**

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

Features

Product Type Features

Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	36
Number of Rows	4
PCB Mount Orientation	Right Angle

Body Features

Shell Plating Material	Nickel over Copper
Primary Product Color	Black
Connector Profile	Standard

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Options	Installed

Termination Features

Rectangular Termination Post & Tail Width	.5 mm[.019 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	2.7 mm
Connector Mounting Type	Panel Mount & Board Mount
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	With
Mating Retention Type	Latch

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.66 mm
Row-to-Row Spacing	1.9 mm[.075 in]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Quantity	100
Packaging Method	Tray

Product Compliance

For compliance documentation, visit the product page on TE.com>

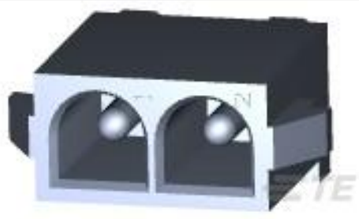
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC

Halogen Content	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



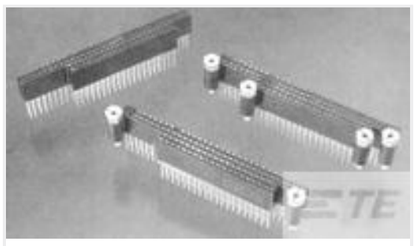
TE Part #194009-1
PIN ASSY..070



TE Part #1-640456-0
10P MTA100 HDR ASSY F/L SQ STR



TE Part #641972-1
09P UMNL PIN HDR ASSY 94VO



TE Part #1375793-2
PC104 ASY 2S/0 STKTHRU UNKEYED



TE Part #1747981-1
Std HDMI, RA, SMT



TE Part #5-1879022-3
SMF3 47K 5%



TE Part #2007263-1
SFP+ 1x2 Cage Assembly



TE Part #2065657-1
zd Plus, 4 pair, receptacle assy



TE Part #2149730-3
SFP+ Enhanced 1x4 Cage, SAN Heatsink

TE Part #6837198-1
MBXL CABLE ASSEMBLY

Documents

Product Drawings

CHAMP 050 FMS REC HDR ASY 36P

English

CAD Files

Customer View Model

ENG_CVM_CVM_5917738-5_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5917738-5_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5917738-5_O.3d_stp.zip

English

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