5787851-1 × OBSOLETE

CHAMP | CHAMP Docking Connectors

TE Internal #: 5787851-1

TE Internal Description: 200 50SR CMP LP R/A RCPT DOCK

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Connectors > Docking Connectors



Docking Connector Style: **Receptacle**

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

Number of Positions: **200**

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

Number of Rows: **8**

Features

Product Type Features

Grounding Options	Panel Ground
Ground Feature Type	Grounding Plate
Docking Connector Style	Receptacle
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	200
Number of Rows	8
Number of Signal Positions	200
Number of Power Positions	0
PCB Mount Orientation	Right Angle

Body Features

Shell Base Material	Carbon Steel
Ground Plate Material	Stainless Steel

Contact Features

	30 µin
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)

Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Number of Utility Contacts	0
Contact Current Rating (Max)	.5 A

Termination Features

Termination Post & Tail Length	2.49 mm[.01 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment	Without
PCB Mount Retention Type	Boardlock
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Polyester
Housing Color	Natural
Centerline (Pitch)	1.27 mm[.05 in]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray
Packaging Quantity	24

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2022 (224)

	SVHC > Threshold: Pb (3.5% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

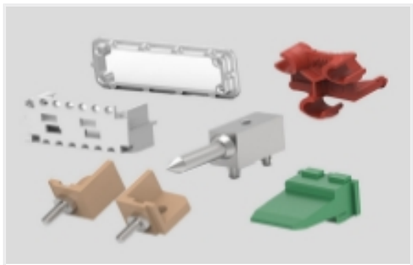
Product Compliance Disclaimer

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

Also in the Series | CHAMP Docking Connectors



Connector Caps & Covers(27)



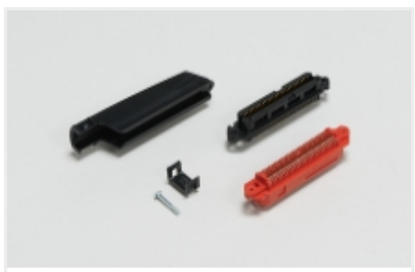
Connector Hardware(26)



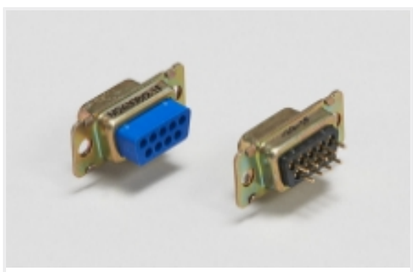
Connector Strain Relief(2)



Docking Connectors(19)



IDC D-Sub Connectors(41)

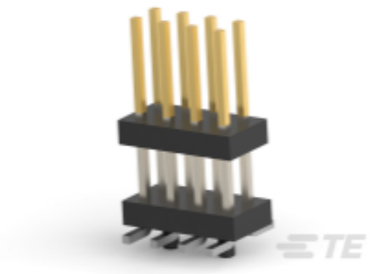


Panel Mount D-Sub Connectors(5)

Customers Also Bought



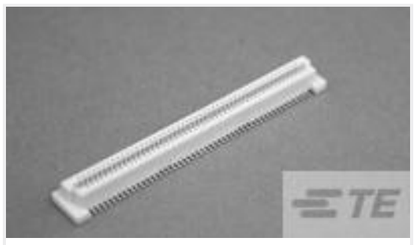
TE Part #1410477-2
MULTI-GIG GD PIN KEY/ESD NI PL



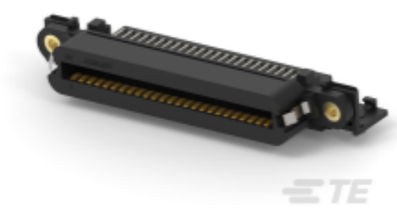
TE Part #5-1571363-1
8 POS 2MM HDR ASSY,DR,VERT,SMT, LF



TE Part #2170207-2
1X6 QSFP CAGE ASSEMBLY THRU BEZEL WITH



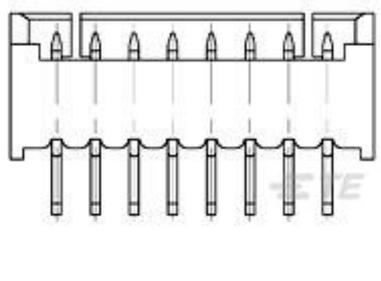
TE Part #1-5353999-0
0.8FH,R05H.5,200,30/Sn,TR,SC



TE Part #6116794-3
RCPT ASSY,LPF,RTA,50P,BD,ILL



TE Part #7-6450550-1
MBXL VERT RCPT 2P+24S+2P



TE Part #4-1734598-2
1.25 WTB HDR DIP L3.7 2 POS



TE Part #5787851-2
200 50SR CMP LP R/A RCPT DOCK



TE Part #2007822-2
IMP100S,H,V4P10C,UG,DEW39,4.9



TE Part #2007855-3
IMP100S,H,V5P10C,UG,REW39,5.5

Documents

Product Drawings

200 50SR CMP LP R/A RCPT DOCK

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5787851-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_5787851-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5787851-1_O.3d_stp.zip

English

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

Product Specifications

Application Specification

English

CHAMP .050 Series Low Profile Docking Connectors

English