5552221-1 × OBSOLETE

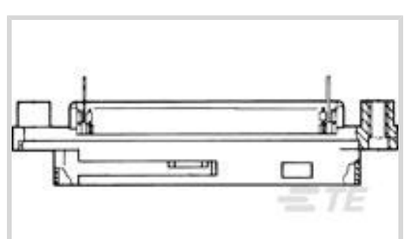
CHAMP

TE Internal #: 5552221-1

TE Internal Description: ASSY, PLUG, 24 POS, VERT MTG

View on TE.com >

Connectors > D-Shaped Connectors



Number of Positions: **24**

Connector & Housing Type: **Plug**

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

Connector Mounting Type: **Board Mount**

Centerline (Pitch): **2.16 mm [.085 in]**

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	24
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black
Connector Profile	Standard

Contact Features

	30 µin
Contact Underplating Material	Palladium 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	.5 mm[.019 in]

Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	.18 mm

Mechanical Attachment

Mounting Feature Material	Thermoplastic
Connector Mounting Type	Board Mount
PCB Mount Retention	Without
Mating Retention	With
Mating Retention Type	Screwlocks

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.16 mm[.085 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm, 2.36 mm, 3.18 mm[.062 in][.093 in][.125 in]
Row-to-Row Spacing	4.3 mm[.169 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	90
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: JAN 2024 (240) 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

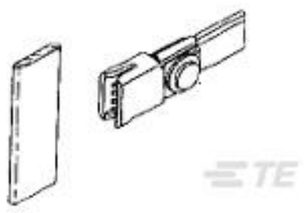
Product Compliance Disclaimer

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



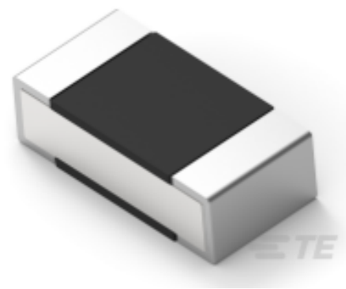
TE Part #1880982003
RAYRIM-NR7-0-STK



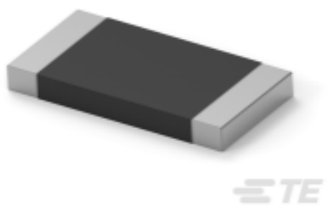
TE Part #104742-2
PLUGGABLE BUSBAR 062F2 POWER CONNECTOR



TE Part #5-534206-7
14 MODII VRT DR CE 100/115



TE Part #9-2176304-0
RP 1E 0.1W 84R5 0.1% 25PPM 5K RL



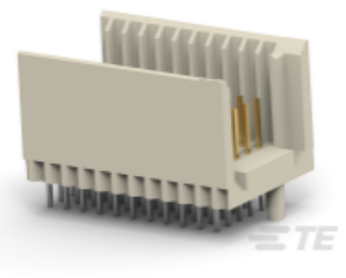
TE Part #1-2176421-2
TLRP 2512 2.0W R003 1% 25PPM 4K RL



TE Part #2199230-4
M.2 0.5PITCH 4.2H KEY E 15U'' AU



TE Part #1-5177986-3
0.8FH,P06H.5,080,08/Sn,TR,SC



TE Part #CAT-472-Z12
Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm



TE Part #1337769-2
50OHM COAX BNC STR PLUG STR P

Documents

Product Drawings

ASSY, PLUG, 24 POS, VERT MTG

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5552221-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_5552221-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5552221-1_O.3d_stp.zip

English

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