6648234-1 ✔ ACTIVE

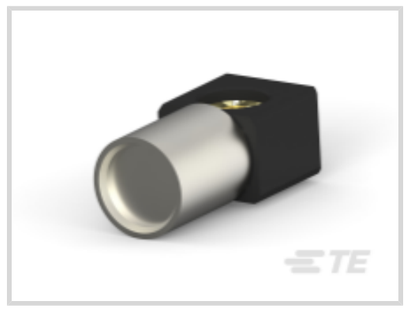
RAPID LOCK

TE Internal #: 6648234-1

1 Position, Receptacle, Connector Assembly, Crimp, Bus Bar-to-Wire, Gold (Au), UL 94V-0, 48 VAC, Wire & Cable, Power, Cable Mount (Free-Hanging)

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Termination Method to Wire & Cable: **Crimp**

Connector System: **Bus Bar-to-Wire**

Contact Mating Area Plating Material: **Gold (Au)**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Bus Bar-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Power Positions	1

Electrical Characteristics

Operating Voltage	48 VDC

Body Features

Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel

Contact Layout	Circular
Contact Mating Area Plating Material	Gold (Au)
Contact Retention Within Housing	Without
Contact Current Rating (Max)	250 A
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.762 µm[30 µin]

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Thermoplastic

Dimensions

Connector Width	16.26 mm[.64 in]
Connector Height	12.45 mm[.49 in]
Connector Length	32.93 mm[1.29 in]
Wire Size	53.5 mm^2

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box

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 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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

Compatible Parts



TE Part # 6648223-1
CONTACT,PIN,#2

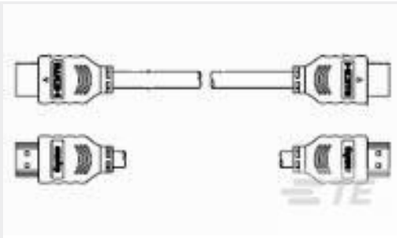


TE Part # 1766879-1
CONTACT,PIN,#2,LK

Customers Also Bought



TE Part #CON292003
2.92 mm Jack 50 Ohm PCB Edge Mount



TE Part #1770019-1
C/A, HDMI TO HDMI, 2000MM



TE Part #1-1879208-4
CPF 0402 36R 0.1% 25PPM 1K RL



TE Part #1-1879213-9
CPF 0402 40R2 0.1% 25PPM 1K RL

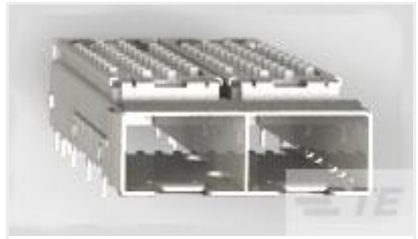


TE Part #1-1879214-5
CPF 0402 453R 0.1% 25PPM 1K RL



TE Part #2081393-3
CA,MATE AX F TO FAKRA F,RTK031, 1000MM

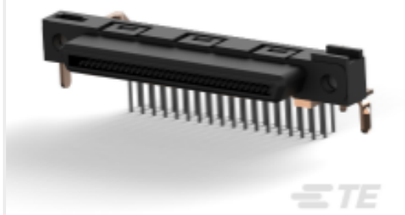
TE Part #2-2172091-2
M8.FMLE.PNLREAR.3POS.PCBSTAND. RA.SHLD



TE Part #2198230-1
SFP+ Enhanced 1x2, PCI Heatsink



TE Part #2411069-4
RF CA,UMCC GEN4,1.13MM,L200MM PIGTAIL



TE Part #5796055-4
68 CHAMP R/A ASSY,LONG TAIL

Documents

Product Drawings

CONTACT,SKT,#0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6648234-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6648234-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6648234-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED

English

Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English