201358-3 ✔ ACTIVE

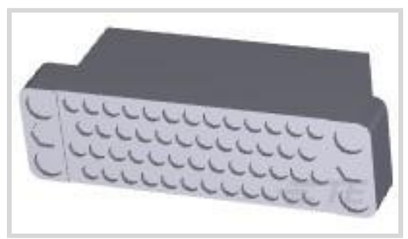
AMP

TE Internal #: 201358-3

Rectangular Power Connectors, Housing, Plug, Cable-to-Cable / Cable-to-Panel, 50 Position, 3.81mm [.15in] Centerline, Wire & Cable, UL 94V-0

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Cable-to-Cable, Cable-to-Panel**

Number of Positions: **50**

Centerline (Pitch): **3.81 mm [.15 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Cable-to-Cable, Cable-to-Panel
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	50
Number of Power Positions	50
Number of Signal Positions	50
Number of Rows	4

Electrical Characteristics

Operating Voltage	250 VDC

Contact Features

Contact Current Rating (Max)	13 A
Contact Retention Within Housing	With
Contact Type	Pin

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Screw Mount
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	3.81 mm[.15 in]
Housing Color	Blue
Housing Material	Diallyl Phthalate

Dimensions

Wire Size	.05 – 2 mm²
Row-to-Row Spacing	4.57 mm[.18 in]
Height	65.91 mm[2.595 in]
Length	23.24 mm[.915 in]
Width	19.05 mm[.75 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Carton
Packaging Quantity	70

Other

For Use With	Female Block 200277

Product Compliance

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

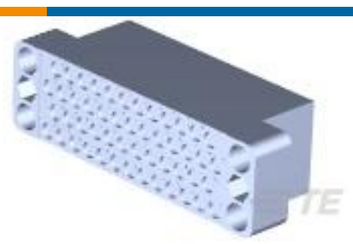
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant

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: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
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

Compatible Parts



TE Part # 200277-4
BLOCK,50 POSN,M SERIES

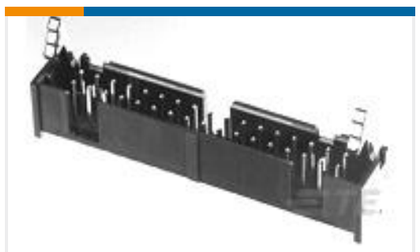
Customers Also Bought



TE Part #1-480425-0
04P CMNL PLUG HSG P/M NATL



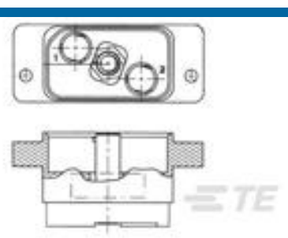
TE Part #1-480305-0
03P CMNL CAP HSG F/H NATL



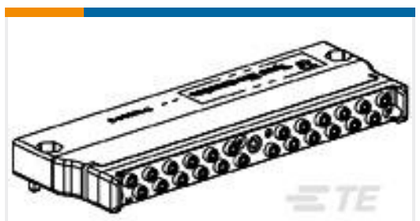
TE Part #2-1761608-9
IDC LOW PRO HDR 26P VERT SHT LAT BLUE



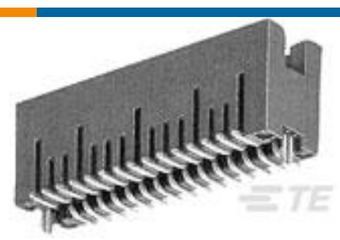
TE Part #2-1462051-5
AXICOM HF RELAY 3GHZ SHIELDED



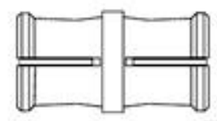
TE Part #1604896-2
ASY,RCPT,PWB MT,2 POS



TE Part #1738960-2
CONNECTOR ASY,MODULE,24 POS, ARINC 801



TE Part #104656-8
80 50/50 HDR DRST SFMNT .320



TE Part #1056703-1
SMP Jack-Jack Adapter 2980 5004 62



TE Part #90755-2
SEATING TOOL ASSY HM 154 PIN



TE Part #1-971111-6
16W FRC MADISON SPEC 100-4703 REV. 7

Documents

Product Drawings

MALE BLOCK 50 PL.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_201358-3_AK.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_201358-3_AK.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_201358-3_AK.3d_stp.zip

English

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

Datasheets & Catalog Pages

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Instruction Sheets

Instruction Sheet (U.S.)

English

LATCHING SHIELD AND PIN HOOD FOR 50 POSITION "M" SERIES CONNECTOR

English

Instruction Sheet (U.S.)

English

20 HVC, 34 AND 50 POSITION SERIES "M" CONNECTOR

English

Agency Approvals

Agency Approval Document

English