



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: **28**

Centerline (Pitch): **6.35 mm [.25 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	28
Number of Power Positions	28
Number of Signal Positions	28
Number of Rows	4

Electrical Characteristics

Operating Voltage	1800 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)	6.35 mm[.25 in]
Housing Color	Black
Housing Material	Phenolic

Dimensions

Connector Height	65.91 mm[2.595 in]
Product Width	28.19 mm[1.11 in]
Product Length	33.15 mm[1.305 in]
Wire Size	.05 - 2 mm ²
Row-to-Row Spacing	6.35 mm[.25 in]

Usage Conditions

Operating Temperature Range	-55 - 150 °C[-67 - 302 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

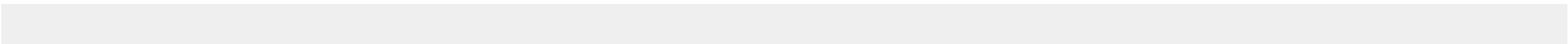
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	88
Packaging Method	Box & Carton

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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>

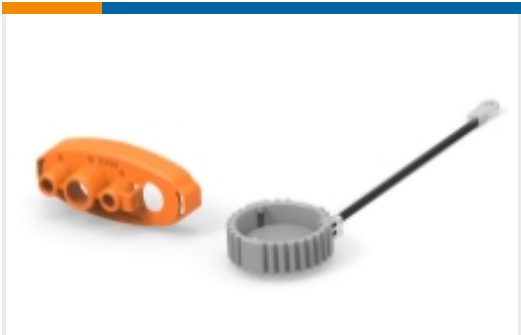
Compatible Parts



Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(7)



Connector Caps & Covers(12)



Connector Hardware(18)



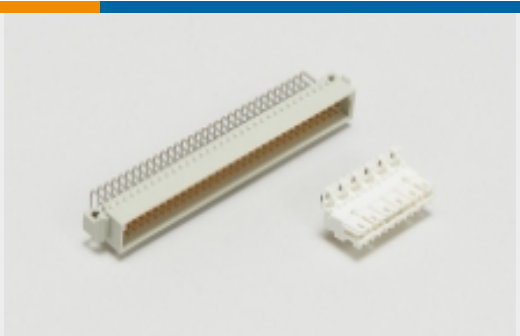
Connector Strain Relief(11)



Rack & Panel Connectors(1)

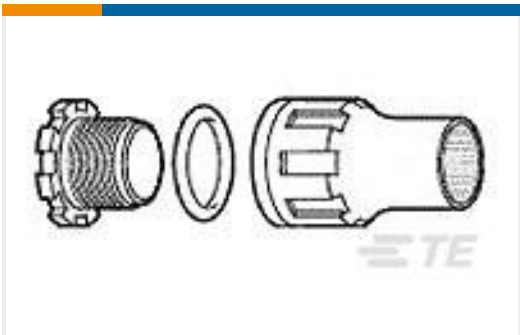


Rectangular Power Connectors(65)

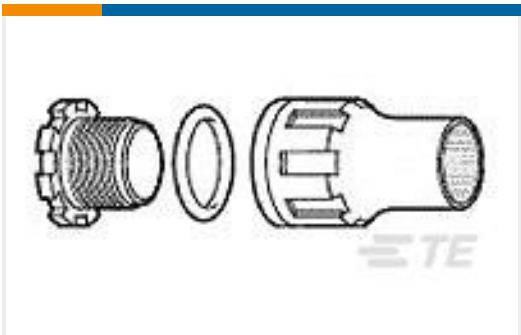


Standard Edge Connectors(1)

Customers Also Bought



TE Part # 744945-001
CES-5



TE Part # 848633-001
CES-4



TE Part # 66102-6
III+ PIN,24-20,30AU>10,STRIP



TE Part # 329966
SOLIS R 22-16COMM 22-18MIL 1/2



TE Part # 1-200874-2
SERIES "M" JACKSCREW STUD ASSY



TE Part # 200875-7
SKT ASSY,M SERIES



TE Part # 1-1410353-1
MULTIGIG RT 9MM GUIDE/ESD 0 DE



TE Part # 1SNA115987R0100
M4/6.SNBT



TE Part # 1SNA020264R0300
EM8D

Documents



Product Drawings

PIN BLOCK 28 POS. SPL.

English

CAD Files

Customer View Model

ENG_CVM_CVM_205689-2_N.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_205689-2_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_205689-2_N.3d_igs.zip

English

3D PDF

3D

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

Agency Approvals

Agency Approval Document

English

Agency Approval Document

English