



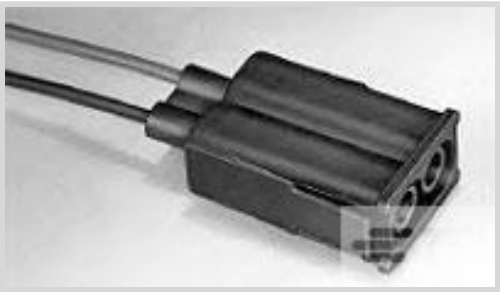
LGH

TE Internal #: 862435-6

Rectangular Power Connectors, Receptacle, 2 Position, 2.54mm [.1in] Centerline, 5A Contact Current Rating (Max), Bulkhead, Operating Voltage 10000 VDC

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Connector & Housing Type: **Receptacle**

Number of Positions: **2**

Centerline (Pitch): **2.54 mm [ .1 in ]**

Sealable: **No**

Contact Current Rating (Max): **5 A**

Features

Product Type Features

Assembly Requirement	Unassembled Kit
Connector & Housing Type	Receptacle
Sealable	No

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	10000 VDC
-------------------	-----------

Contact Features

Contact Underplating Material	Nickel
Contact Current Rating (Max)	5 A
Contact Retention Within Housing	With
Contact Type	Socket
Contact Mating Area Plating Material	Gold

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

Mating Alignment	With
------------------	------



Connector Mounting Type	Bulkhead
Mating Retention	Without

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Polyester
Cable Exit Angle	180°

Dimensions

Wire Size	.8 – 1.4 mm <sup>2</sup>
Row-to-Row Spacing	2.54 mm[.1 in]
Height	31.75 mm
Width	18.16 mm
Accepts Wire Insulation Diameter Range	5.08 mm[.2 in]
Length	59.94 mm

Usage Conditions

Shielded	No
----------	----

Packaging Features

Packaging Method	Package
------------------	---------

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: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Pb (4% in Contact/Component) <b>Article Safe Usage Statements:</b> 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	Not Yet Reviewed for halogen content
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>

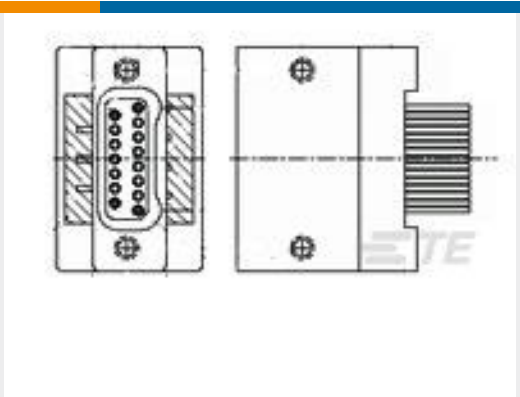
Customers Also Bought




TE Part #1558672-4  
PCB Power Relay: 30 amp, Monostable DC




TE Part #1-6609115-9  
CORCOM GG SERIES MULTI-FUNCTION INLET FI



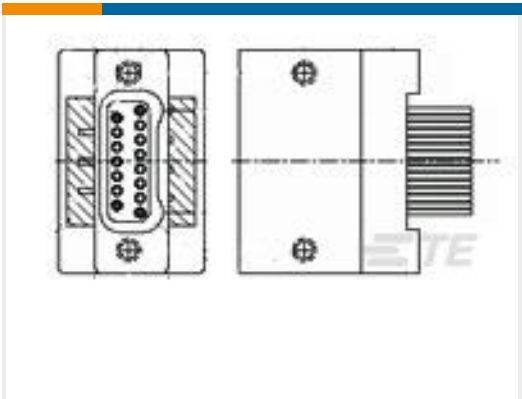
TE Part #3-1589488-1  
STM025M5PQ = THRU-HOLE



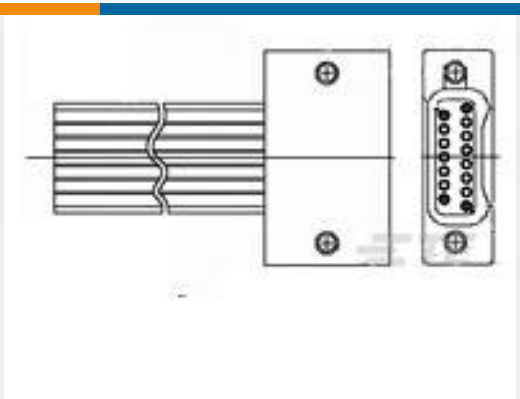
TE Part #YDTS24W25-20JNV001  
Jam Nut: D38999, 25-20 Insert




TE Part #42827-4  
PIN .093 RECEPTACLE 24-18 AWG SST




TE Part #2-1589488-7  
STM015M5PQ = THRU-HOLE



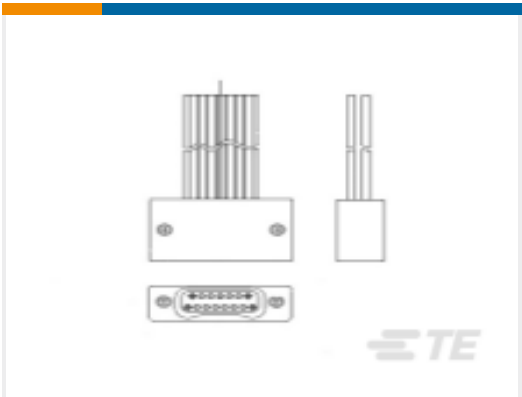
TE Part #1589777-6  
STM015SC2DC036Q = WDUALOBE



TE Part #221980-1  
PIN, STRAIGHT, SIZE 8, 50 OHM



TE Part #2-1589455-5  
SSL015PC2DC008N = WDUALOBE



TE Part #1589477-6  
STM025SC2DC018N = WDUALOBE

Documents

Product Drawings  
2 CAV. RECEPT. KIT.

English

Datasheets & Catalog Pages  
Products for Aerospace and Defense

English

862435-6

Rectangular Power Connectors, Receptacle, 2 Position, 2.54mm [.1in] Centerline, 5A  
Contact Current Rating (Max), Bulkhead, Operating Voltage 10000 VDC

