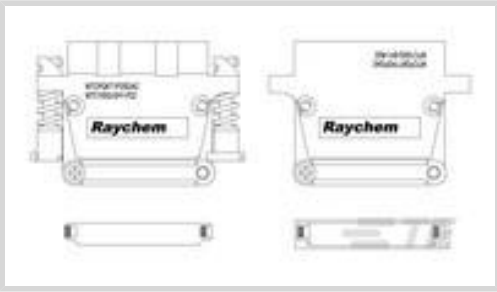




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing Kit**
Connector & Housing Type: **Receptacle**
Mating Alignment: **With**
Mating Alignment Type: **Keyed**
Mating Retention: **With**

Features

Product Type Features

| | |
|-----------------------------------|------------------------|
| Shell Size | 25.4 [1.0] |
| Boxmount | No |
| Connector Type | Connector Assembly Kit |
| Kit Type | Connector Kit |
| Housing Type | EME Mount |
| Connector Product Type | Housing Kit |
| Connector & Housing Type | Receptacle |
| Connector System | Wire-to-Wire |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|-----------------------|----------|
| Keying | AA |
| PCB Mount Orientation | Vertical |
| Number of Positions | 20 |
| Number of Rows | 2 |
| Panel Gasket | Without |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 954 VDC |
|-------------------|---------|

Body Features



| | |
|------------------|--------|
| Plating Material | Nickel |
|------------------|--------|

Contact Features

| | |
|--|--------|
| Contact Type | Socket |
| Wire Contact Termination Area Plating Material | Gold |
| Contact Mating Area Plating Material | Gold |
| Contact Retention Within Housing | With |
| Contact Current Rating (Max) | 5 A |

Termination Features

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

Mechanical Attachment

| | |
|-------------------------|------------------|
| Mating Hardware | Quick Disconnect |
| Flange | Without |
| Mating Alignment | With |
| Mating Alignment Type | Keyed |
| Mating Retention | With |
| Mating Retention Type | Jackscrew |
| Connector Mounting Type | Fixing Screw |

Housing Features

| | |
|--|---------|
| | .099 in |
|--|---------|

Dimensions

| | |
|--------------------|----------------|
| Row-to-Row Spacing | 2.54 mm[.1 in] |
|--------------------|----------------|

Usage Conditions

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

Operation/Application

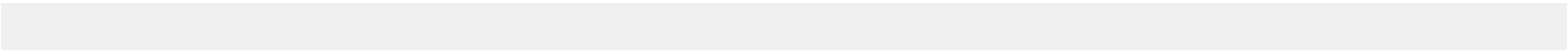
| | |
|---------------------|----------------|
| Shielded | Yes |
| Circuit Application | Power & Signal |

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

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: JAN 2021 (211) Does not contain REACH SVHC |
| 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>

Compatible Parts



TE Part # A75131-000


MTCPQKT1P2PGAA

Customers Also Bought



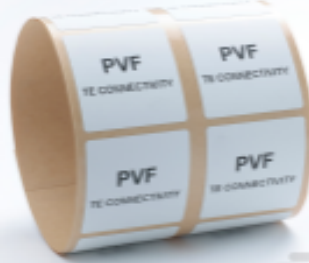
TE Part #499943-000

55A4831-22-MST3-9CS2275



TE Part #595543-000

Bulbous Heat Shrink Boots: Lipped, Straight



TE Part #C51397-000

PVF WHITE POLYVINYL FLUORIDE LABELS



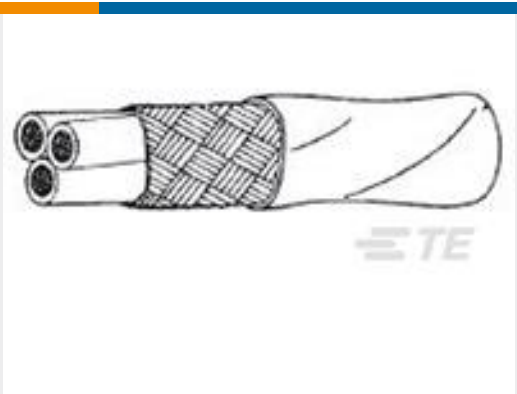
TE Part #882513-000

55A1211-10-9-9

MTCPQKT1R2SGAA

Standard Rectangular Connectors, Housing Kit, Receptacle, Mating Alignment, Keyed Mating Alignment Type, Mating Retention





TE Part #CW4703-000
55PC1233-22-2/4/6-9



TE Part #YD369-R66-AP000000
369 6 WAY REC, NO CONTACTS, PIN



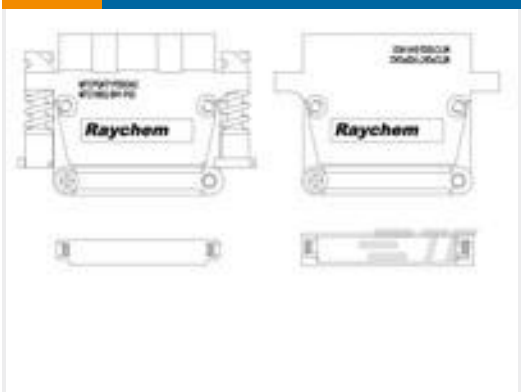
TE Part #ZPF000000000015292
DMC-M 20-22 ANE



TE Part #133667-000
HEX41-AC-00-13-A3-2



TE Part #D32136-000
MTCPQKT2P22PGAC



TE Part #F88806-000
MTCPQKT2R22SGAC

Documents

Product Drawings
MTCPQKT1R2SGAA

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_C29272-000_R.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_C29272-000_R.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_C29272-000_R.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages
Products for Aerospace and Defense

English

Product Specifications
MTC Quick-Disconnect Connectors with Removable Contacts

English