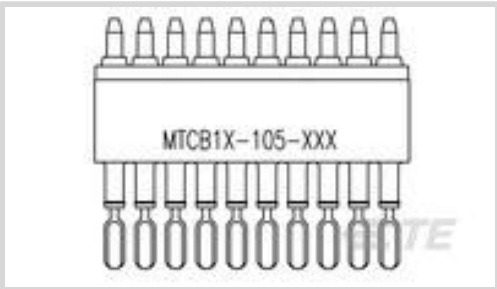




Connectors > Rectangular Connectors > Rectangular Contact Inserts



Rectangular Connector Insert Type: **Contact Insert**

Contact Type: **Pin**

Connector System: **Wire-to-Wire**

Number of Positions: **10**

Sealable: **Yes**

Features

Product Type Features

|                                   |                |
|-----------------------------------|----------------|
| Connector & Contact Terminates To | Wire & Cable   |
| Rectangular Connector Insert Type | Contact Insert |
| Connector System                  | Wire-to-Wire   |
| Sealable                          | Yes            |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 10 |
|---------------------|----|

Body Features

|                          |                                      |
|--------------------------|--------------------------------------|
| Primary Product Color    | Black                                |
| Seal Type                | Interfacial Seal                     |
| Primary Product Material | High Grade Polyarylene Thermoplastic |

Contact Features

|                              |       |
|------------------------------|-------|
| Contact Type                 | Pin   |
| Contact Current Rating (Max) | 1.5 A |

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
| Polarization Code       | A           |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 1.27 mm[.05 in] |
|--------------------|-----------------|

Usage Conditions



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

Operation/Application

|                                      |            |
|--------------------------------------|------------|
| Compatible With Connector Shell Size | 25.4 [1.0] |
|--------------------------------------|------------|

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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold                                                                                                                                                                                                                                                                                                                                                                 |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Pb (3.5% in 74024568)<br><b>Article Safe Usage Statements:</b><br>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 #804495-000  
[MTCC2P-020-020-01](#)

TE Part #162927-000  
[55A1121-16-9/96-9CS2275](#)

TE Part #NB11784001  
[ATUM-8/2-0-SP](#)

TE Part #CAT-T3437-T548  
[TMS-SCE Military Grade Sleeves](#)

TE Part #699299-000  
[MTCX2X-200-200](#)

TE Part #699226-000  
[MTCB1X-106-XXX](#)

TE Part #830147-000  
[MTCC1P-COAX-01S-01](#)

TE Part #51864-1  
[TERM, RT, PIDG, 16-14, #8](#)

Documents

Product Drawings

[MTCB1X-105-XXX](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_699225-000\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_699225-000\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_699225-000\\_B.3d\\_stp.zip](#)

English

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

Product Specifications

[Procedures for Terminating MTC50 Connectors with SolderSleeve? Terminators to Flat Conductor Cables, without Planar Shielding](#)

English