

103681-5 ✓ ACTIVE

AMPMODU | AMPMODU MTE

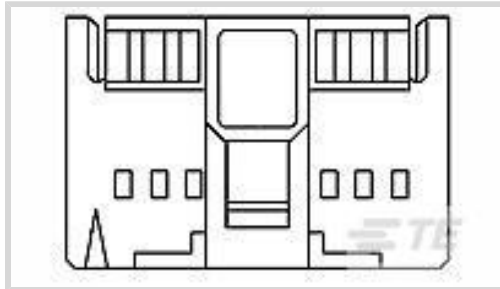
TE Internal #: 103681-5

PCB Connector Shrouds, Coupling Shroud, Mating Alignment, 16 Position, 2 Row, 8 Column, Length .98 in [25.02 mm], AMPMODU MTE

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Connector Accessories > PCB Protection & Strain Relief > PCB Connector Shrouds



Connector & Contact Retention Accessory Type: **Coupling Shroud**

Mating Alignment: **With**

Number of Positions: **16**

Number of Rows: **2**

Number of Columns: **8**

## Features

### Product Type Features

|                                              |                 |
|----------------------------------------------|-----------------|
| Connector & Contact Retention Accessory Type | Coupling Shroud |
|----------------------------------------------|-----------------|

### Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 16 |
| Number of Rows      | 2  |
| Number of Columns   | 8  |

### Electrical Characteristics

|                                       |         |
|---------------------------------------|---------|
| Termination Resistance                | 15 mΩ   |
| Dielectric Withstanding Voltage (Max) | 600 V   |
| Insulation Resistance                 | 5000 MΩ |

### Body Features

|                          |               |
|--------------------------|---------------|
| Primary Product Material | Thermoplastic |
| Primary Product Color    | Black         |

### Contact Features

|            |    |
|------------|----|
| CompactPCI | No |
|------------|----|

### Mechanical Attachment

|                       |         |
|-----------------------|---------|
| Mating Alignment Type | Latched |
| PCB Mount Retention   | Without |
| Mating Alignment      | With    |



### Dimensions

|                |                   |
|----------------|-------------------|
| Product Length | 25.02 mm[.98 in]  |
| Product Height | 11.76 mm[.46 in]  |
| Product Width  | 18.67 mm[.735 in] |

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 105 °C[-85 – 221 °F] |
|-----------------------------|----------------------------|

### Industry Standards

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

### Packaging Features

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

### Other

|                             |                                                             |
|-----------------------------|-------------------------------------------------------------|
| Connector Accessory Comment | Insert Receptacle Assembly w/Guide Ribs (only) into shroud. |
|-----------------------------|-------------------------------------------------------------|

## 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: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| Halogen Content                               | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.                                                                          |
| 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 # 5-103969-1  
10X2 MTE RCPT SR RIBBED .100CL



TE Part # 5-103969-3  
5X4 MTE RCPT SR RIBBED .100CL



TE Part # 5-103969-4  
4X5 MTE RCPT SR RIBBED .100CL



TE Part # 5-103969-2  
8X3 MTE RCPT SR RIBBED .100CL

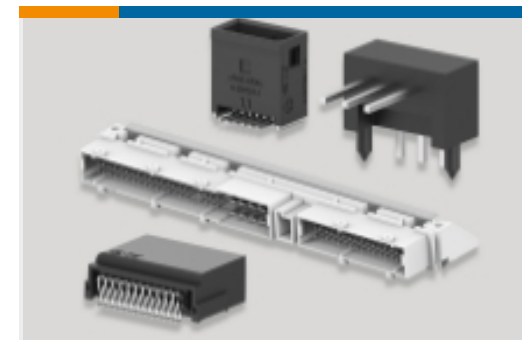
## Also in the Series | AMPMODU MTE



Insertion & Extraction Tools(2)



PCB Connector Shrouds(40)



PCB Headers & Receptacles(763)



Ribbon Connector Accessories(1)



Standard Rectangular Connectors(2)



Wire-to-Board Connector Assemblies & Housings(585)



Wire-to-Board Connector Contacts(32)

## Customers Also Bought



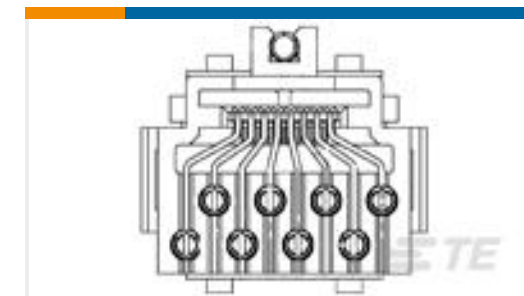
TE Part #640250-7  
07P SL156 HSG W/LCK RAMP NATL



TE Part #2-320552-1  
PIDG Ring Tongue Terminals



TE Part #173977-3  
CT CONN MT REC ASSY 3P



TE Part #216811-1  
8P. TOOLLESS MOD J.



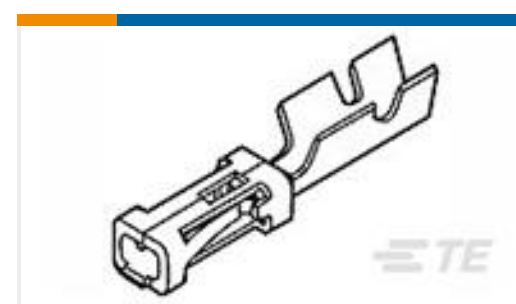
TE Part #103648-7  
08 MTE RCPT HSG SR RIB .100CL



TE Part #280368  
AMPMODU II REC. HSG, DUAL ROW,  
30 POS.



TE Part #172213-2  
EIS CAP HSG PANEL MOUNT 2P  
NATUTURAL



TE Part #6-87756-2  
MOD IV RECP PLTD 15 DPLX LF



TE Part #172782-7  
LOW PROFILE MINI AMP-IN

## Documents

### Product Drawings

#### 16 MTE COUPLING SHRD DR

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_103681-5\\_P.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_103681-5\\_P.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_103681-5\\_P.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

#### AMP MODU MTE Section of Catalog 1307819

English

#### AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION5\_CONT

English

#### AMPMODU MTE INTERCONNECT SYSTEM

English

### Product Specifications



### Application Specification

English

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### Product Environmental Compliance

#### TE Material Declaration

English

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### Instruction Sheets

#### Instruction Sheet (U.S.)

English