# 1-102394-0 ✔ ACTIVE

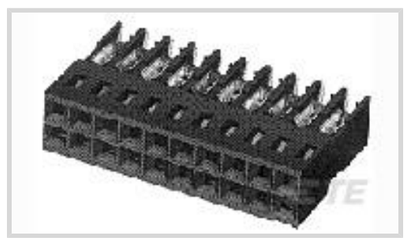
AMPMODU

TE Internal #: 1-102394-0

Housing, Receptacle, Wire-to-Board, 24 Position, 2.54mm [.1in] Centerline, 2 Row, Row-to-Row Spacing .1 in [2.54 mm], Black Housing Color

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **24**

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

## Features

### Product Type Features

| | |
|---|---|
| Connector Product Type | Housing |
| Connector & Housing Type | Receptacle |
| Connector System | Wire-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Positions | 24 |
| Number of Rows | 2 |

### Electrical Characteristics

| | |
|---|---|
| Termination Resistance | 12 mΩ |
| Insulation Resistance | 5000 MΩ |
| Dielectric Withstanding Voltage (Max) | 750 V |
| Operating Voltage | 250 VAC |

### Contact Features

| | |
|---|---|
| Contact Current Rating (Max) | 3 A |

### Mechanical Attachment

| | |
|---|---|
| Mating Retention | Without |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

## Housing Features

| | |
|---|---|
| Housing Entry Configuration | Both Ends Closed |
| Housing Material | Thermoplastic |
| Centerline (Pitch) | 2.54 mm[.1 in] |
| Housing Color | Black |

## Dimensions

| | |
|---|---|
| Connector Length | 30.48 mm[1.2 in] |
| Connector Height | 6.1 mm[.24 in] |
| Row-to-Row Spacing | 2.54 mm[.1 in] |

## Usage Conditions

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

## Operation/Application

| | |
|---|---|
| Circuit Application | Signal |

## Industry Standards

| | |
|---|---|
| Glow Wire Rating | Standard Part - Not Glow Wire |
| Approved Standards | CSA LR7189, UL E28476 |
| UL Flammability Rating | UL 94V-0 |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 100 |
| Packaging Method | Tray |

## Product Compliance

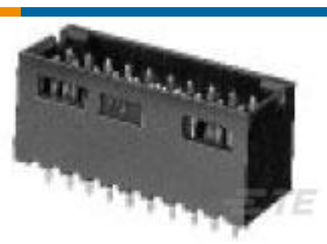
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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)<br>Candidate List Declared Against: JAN 2021 (211)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process capability |

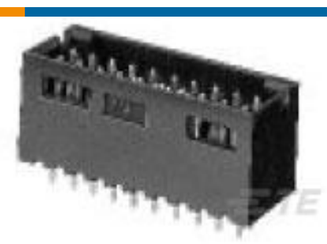
Product Compliance Disclaimer

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 # 6-102618-0
24 MODII HDR DRST SHRD .100CL



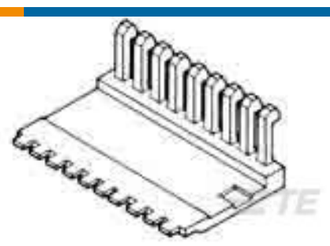
TE Part # 6-103168-0
24 MODII HDR DRST SHRD .100CL



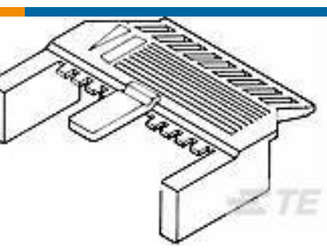
TE Part # 6-103166-0
24 MODII HDR DRRA SHRD LF



TE Part # 6-102617-0
24 MODII HDR DRRA SHRD LF



TE Part # 1-102536-0
24 AMPMODU MT COVER DR .100CL



TE Part # 1-102537-0
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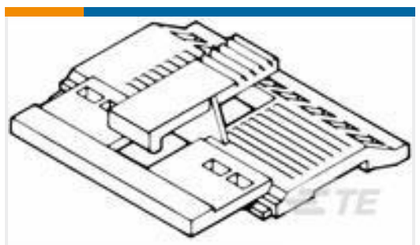
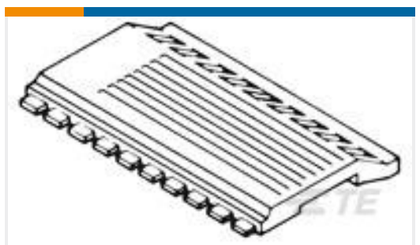
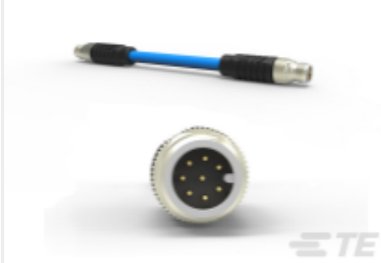


TE Part # 102681-7
24 AMPMODU MT COVER DR .100CL

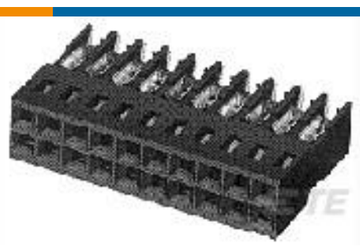


TE Part # 1-102541-0
24 AMPMODU MT COVER DR .100CL

## Customers Also Bought



TE Part #2322421-3
CAT7 CABLE A8 STRAIGHT-A8 STRAIGHT



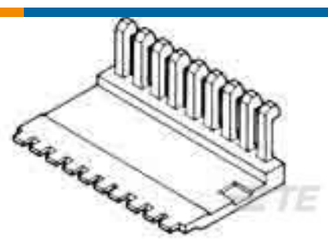
TE Part #2-102394-3
50 AMP MODU MT HSG DR.100CL



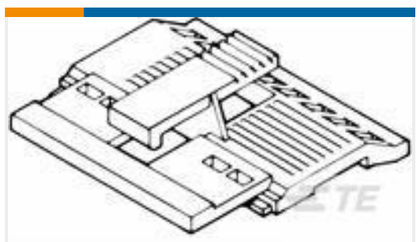
TE Part #102394-5
14 AMP MODU MT HSG DR .100CL



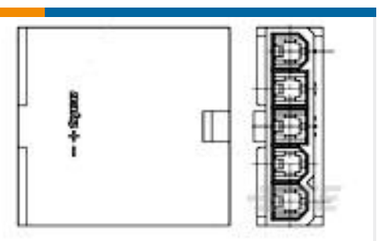
TE Part #YD369-P99-AS000000
369 9 WAY PLUG, NO CONTACTS, SKT



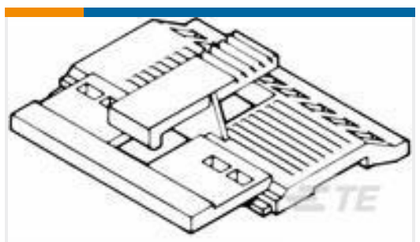
TE Part #1-102536-0
24 AMPMODU MT COVER DR .100CL



TE Part #102681-7
24 AMPMODU MT COVER DR .100CL



TE Part #2029180-4
4P PLUG SR VAL-U-LOK FH GW



TE Part #1-102681-0
30 AMPMODU MT COVER DR .100CL



TE Part #453910-1
CRIMPER, WIRE-.180 WIDE F



TE Part #505034-2
BUTTON CONTACT 20-16 AWG TPBR

## Documents

### Product Drawings

24 AMP MODU MT HSG DR .100CL

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-102394-0_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-102394-0_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-102394-0_V.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

### Product Specifications

Application Specification

English

### Agency Approvals

UL Report

English