# 1-487526-3 ✔ ACTIVE

TE Internal #: 1-487526-3

FFC Connectors, Housing, Wire-to-Board, 14 Position, 2.54mm [.1in] Centerline, 1 Row, Socket, Carton, Mating Retention, Wire & Cable, Normal

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FFC Connectors > 2.54mm FFC Connectors Receptacle Housing







FFC Connector Product Type: **Housing**

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

Number of Positions: **14**

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

Number of Rows: **1**

All 2.54mm FFC Connectors Receptacle Housing (143)

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Compatible With Wire & Cable Type | FFC |
| Number of Positions | 14 |
| Number of Rows | 1 |

### Electrical Characteristics

| | |
|---|---|
| Dielectric Withstanding Voltage (Max) | 720 VAC |

| | |
|---|---|
| Insulation Resistance | 5000 MΩ |
| Operating Voltage | 300 VAC |

### Contact Features

| | |
|---|---|
| Contact Type | Socket |

### Mechanical Attachment

| | |
|---|---|
| Mating Alignment Type | Polarization |
| Mating Retention Type | Latch |
| Mating Retention | With |
| Mating Alignment | With |
| Panel Mount Feature | Without |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

### Housing Features

| | |
|---|---|
| Housing Material | Thermoplastic |
| Centerline (Pitch) | 2.54 mm[.1 in] |
| FFC Cable Entry | Straight |
| Housing Color | Black |

### Usage Conditions

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

### Operation/Application

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

### Industry Standards

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

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 500 |
| Packaging Method | Carton |

## Product Compliance

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

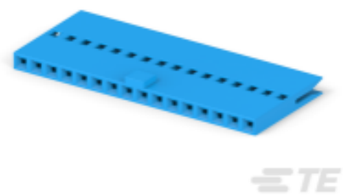
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | |

| | |
|---|---|
| | 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 # CAT-F439-S01339254
2.54mm FFC Connectors Socket Contacts



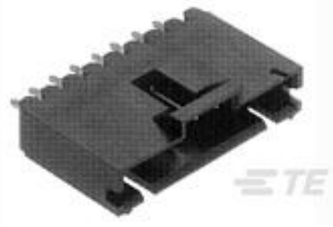
TE Part # 6-103635-3
14 MTE HDR SRRA LTCH.100CL LF



TE Part # 6-103735-3
14 MTE HDR SRST LATCH .100CL



TE Part # 6-103639-3
14 MTE HDR SRST LATCH .100CL



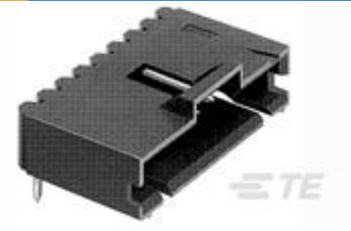
TE Part # 6-103908-3
14 MTE HDR SRST LATCH W/HLDWN



TE Part # 6-103673-3
14 MTE HDR SRRA LATCH W/HLDWN



TE Part # 6-103904-3
14 MTE HDR SRRA LATCH W/HLDWN



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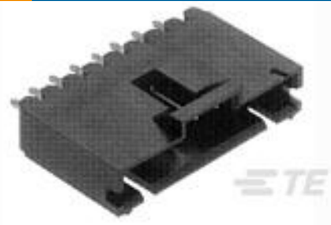
14 MTE HDR SRRA LATCH .100CL



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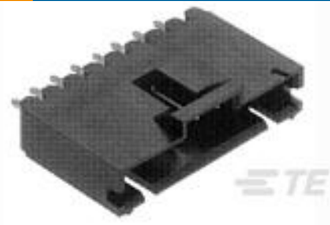

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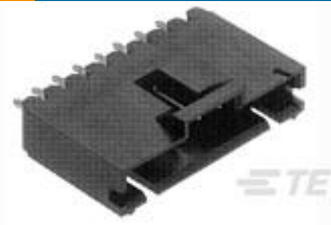
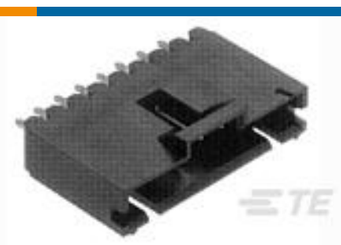


TE Part # 6-103669-3
14 MTE HDR SRST LATCH W/HLDWN



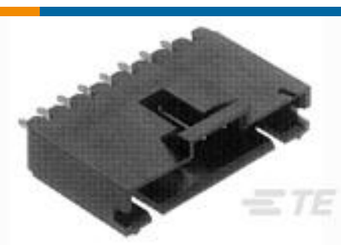
TE Part # 1-103634-3
14 MTE HDR SRRA LATCH .100CL



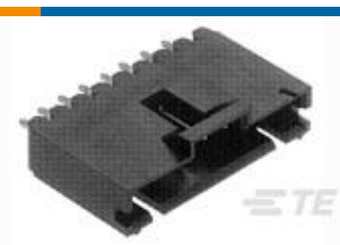
TE Part # 1-103639-3
14 MTE HDR SRST LATCH .100CL



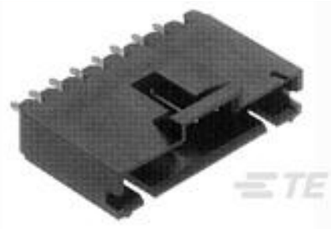
TE Part # 6-103634-3
14 MTE HDR SRRA LTCH.100CL LF



TE Part # 1-103638-3
14 MTE HDR SRST LATCH .100CL



TE Part # 1-103669-3
14 MTE HDR SRST LATCH W/HLDWN



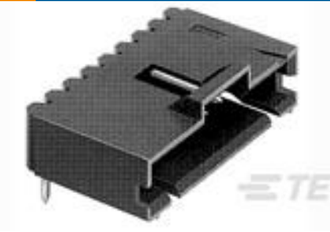
TE Part # 1-103670-3
14 MTE HDR SRST LATCH W/HLDWN



TE Part # 1-103673-3
14 MTE HDR SRRA LATCH W/HLDWN



TE Part # 1-103904-3
14 MTE HDR SRRA LATCH W/HLDWN



TE Part # 1-103906-3
14 MTE HDR SRRA LATCH .100CL

## Customers Also Bought



TE Part #1-487547-1
1.27mm FFC Connectors Socket Contacts



TE Part #1-487526-0
2.54mm FFC Connectors Receptacle Housing



TE Part #138517-000
44AM1121-16-9/96-9CS2275



TE Part #1-1614894-1
CPF 0805 226K 0.1% 25PPM 1K RL



TE Part #1375583-6
07 MTE VERTICAL SMT HDR 30 AU



TE Part #DT06-12SA-B016
DEUTSCH DT Series Housings & Connectors



TE Part #1-1447232-7
SUPERSEAL 1.0 HOUSINGS



TE Part #121397P013
ES2000-NO.3-B8-0-41MM

## Documents

## Product Drawings

014 HOUSING FFC RCPT 100CL SR

English

## CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-487526-3_AT.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-487526-3_AT.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-487526-3_AT.3d_stp.zip

English

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

## Product Specifications

Application Specification

English

## Product Environmental Compliance

TE Material Declaration

English

## Instruction Sheets

Instruction Sheet (U.S.)

English

Extraction Tools

English