

1-487526-9 ✓ ACTIVE

TE Internal #: 1-487526-9

FFC Connectors, Housing, Wire-to-Board, 20 Position, 2.54 mm [.1 in] Centerline, 1 Row, Socket, Carton, Mating Retention, Normal, Mating Alignment

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2.54mm FFC Connectors Receptacle Housing



FFC Connector Product Type: **Housing**

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

Number of Positions: **20**

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
Connector & Contact Terminates To	Wire & Cable
FFC Connector Product Type	Housing
Connector System	Wire-to-Board
Insertion Force Type	Normal

### Configuration Features

Number of Positions	20
Number of Rows	1

### Electrical Characteristics

Dielectric Withstanding Voltage (Max)	720 VAC
Insulation Resistance	5000 MΩ
Operating Voltage	300 VAC



### Body Features

Primary Product Color	Black
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### Contact Features

Contact Type	Socket
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### 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

### Usage Conditions

Operating Temperature Range	-65 – 105 °C [-85 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### 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: JUNE 2024 (241)



Candidate List Declared Against: JAN 2024  
(240)

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 # 6-103673-9  
20 MTE HDR SRRA LATCH W/HLDWN



TE Part # 6-103639-9  
20 MTE HDR SRST LATCH .100CL



TE Part # 1-103673-9  
20 MTE HDR SRRA LATCH W/HLDWN



TE Part # 6-103735-9  
20 MTE HDR SRST LATCH .100CL



TE Part # 1-103670-9  
20 MTE HDR SRST LATCH W/HLDWN



TE Part # 1-103635-9  
20 MTE HDR SRRA LATCH .100CL



TE Part # 1-103908-9  
20 MTE HDR SRST LATCH W/HLDWN



TE Part # 1-103735-9  
20 MTE HDR SRST LATCH .100CL



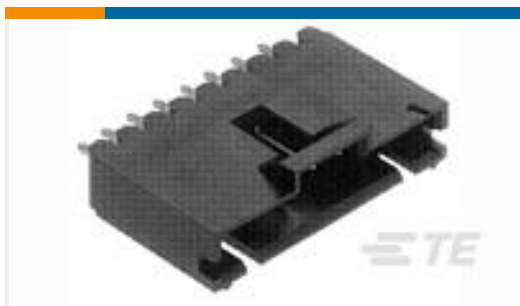
TE Part # 6-103635-9  
20 MTE HDR SRRA LTCH.100CL LF



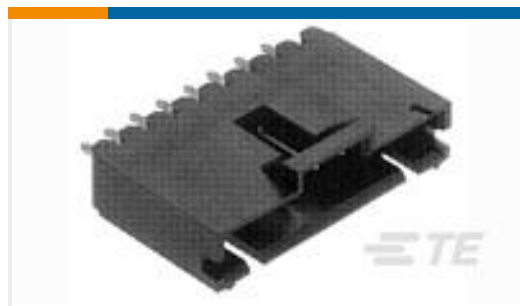
TE Part # 6-103908-9  
20 MTE HDR SRST LATCH W/HLDWN



TE Part # 1-103906-9  
20 MTE HDR SRRA LATCH .100CL



TE Part # 1-103638-9  
20 MTE HDR SRST LATCH .100CL



TE Part # 1-103639-9  
20 MTE HDR SRST LATCH .100CL



TE Part # 1-103669-9  
20 MTE HDR SRST LATCH W/HLDWN



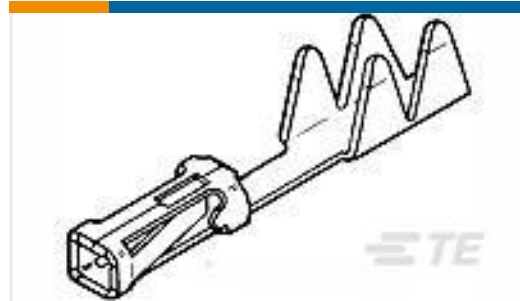
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20 MTE HDR SRRA LATCH W/HLDWN



TE Part # 6-103672-9  
20 MTE HDR SRRA LATCH W/HLDWN

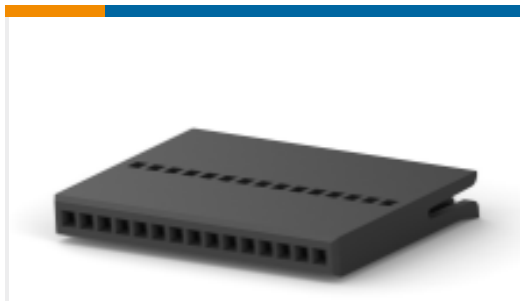


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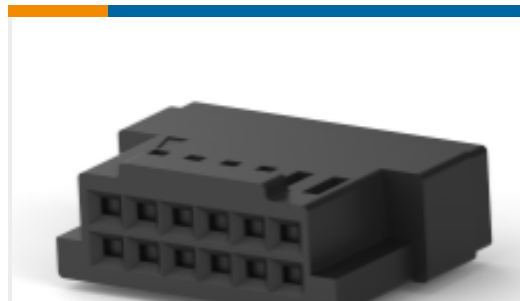


TE Part # 1761852-1  
FFC RCPT HP 100SNPB RL NO LUBE

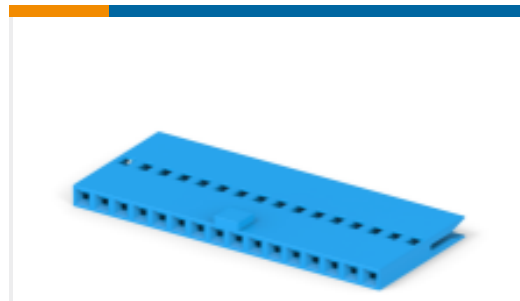
## Customers Also Bought



TE Part #2-487545-2  
FFC Receptacle Housing: 1.27mm



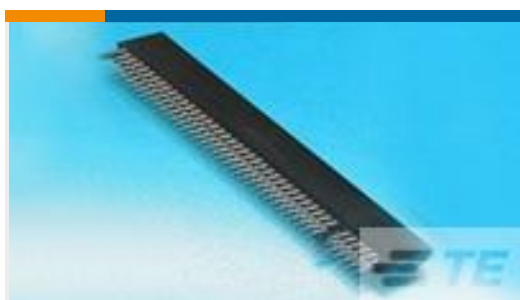
TE Part #487526-7  
2.54mm FFC Connectors Receptacle Housing



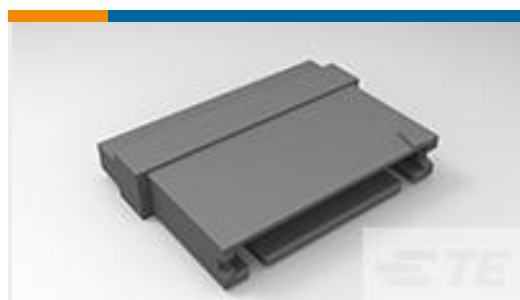
TE Part #2-487406-3  
2.54mm FFC Connectors Socket Contacts



TE Part #88117-7  
FFC,PIN CONTACT,.025" SQ



TE Part #5532600-2  
CONN SEC II 25 POS 100 C/L RA



TE Part #1-485893-1  
013 HOUSING FFC PIN 100CL SR

## Documents

### Product Drawings

[020 HOUSING FFC RCPT 100CL SR](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1-487526-9\\_AT.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-487526-9\\_AT.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-487526-9\\_AT.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Extraction Tools](#)

English