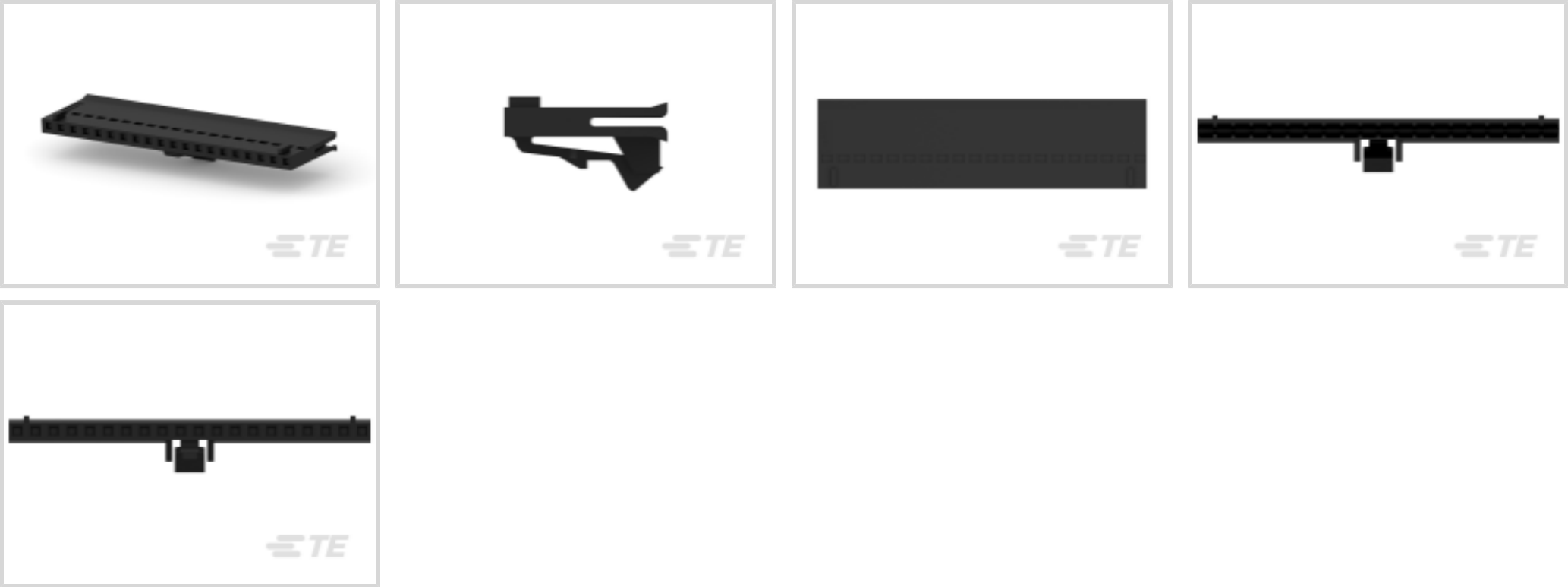




TE Internal #: 1-487526-9
Housing, Wire-to-Board, 20 Position, 2.54 mm [.1 in] Centerline, 1
Row, Socket, Carton, Normal, Straight, Black, FFC Connectors
[View on TE.com >](#)

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: **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 & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
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

Operating Voltage	300 VAC
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	720 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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247)



Does not contain REACH SVHC

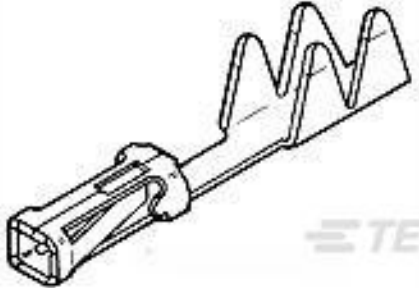
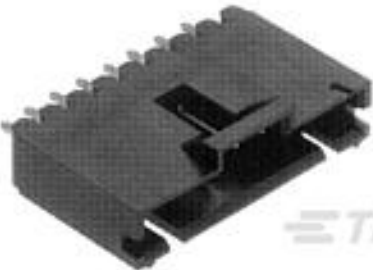
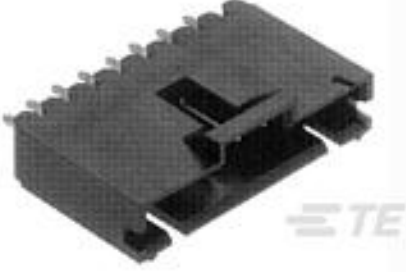
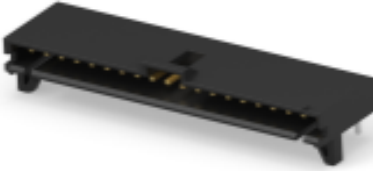
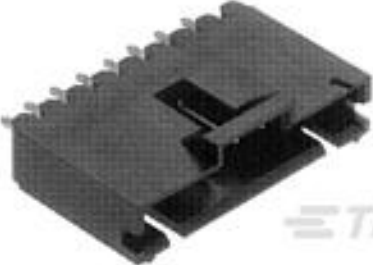
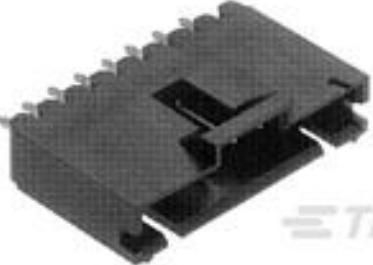
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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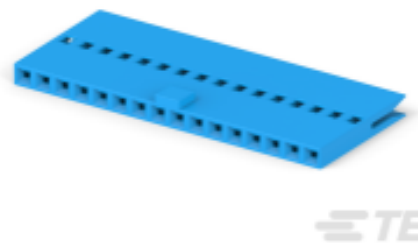
Product Compliance Disclaimer

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 # 6-103904-9 20 MTE HDR SRRA LATCH W/HLDWN	 TE Part # 1761852-1 FFC RCPT 100SNPB RL NO LUBE	 TE Part # 1-103908-9 20 MTE HDR SRST LATCH W/HLDWN	 TE Part # 1-103635-9 20 MTE HDR SRRA LATCH .100CL
 TE Part # 1-103639-9 20 MTE HDR SRST LATCH .100CL	 TE Part # 6-103672-9 20 MTE HDR SRRA LATCH W/HLDWN	 TE Part # 6-103635-9 20 MTE HDR SRRA LTCH.100CL LF	 TE Part # 1-103673-9 20 MTE HDR SRRA LATCH W/HLDWN
 TE Part # 6-103639-9 20 MTE HDR SRST LATCH .100CL	 TE Part # 6-103673-9 20 MTE HDR SRRA LATCH W/HLDWN	 TE Part # 6-103908-9 20 MTE HDR SRST LATCH W/HLDWN	 TE Part # 6-103735-9 20 MTE HDR SRST LATCH .100CL

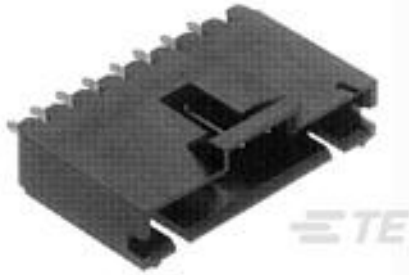




TE Part # CAT-F439-S01339254
2.54mm FFC Connectors Socket
Contacts



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

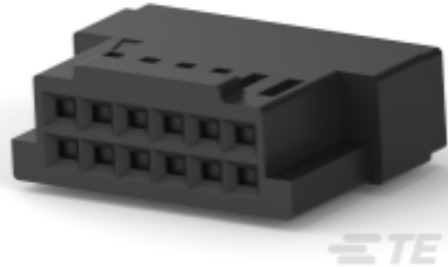


TE Part # 1-103670-9
20 MTE HDR SRST LATCH W/HLDWN



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

Customers Also Bought



TE Part #CAT-F439-R2435254
2.54mm FFC Connectors Receptacle
Housing



TE Part #CAT-F439-R2435127
FFC Receptacle Housing: 1.27mm



TE Part #2376591-2
250 FASTON PCB TAB TPBR



TE Part #63705-1
125 FASTON REC 22-18 AWG BR

TE Part #1-523725-0
ANVIL CM7398

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

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



Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Extraction Tools

English