1-487526-9 ✔ ACTIVE

TE Internal #: 1-487526-9

FFC Connectors, Housing, Wire-to-Board, 20 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: **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
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	20
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>

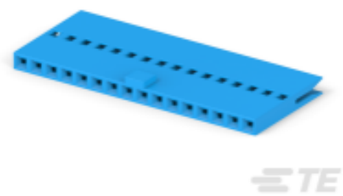
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

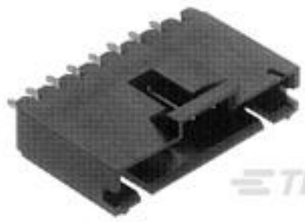
Compatible Parts



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



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



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20 MTE HDR SRST LATCH .100CL



TE Part # 1-103673-9
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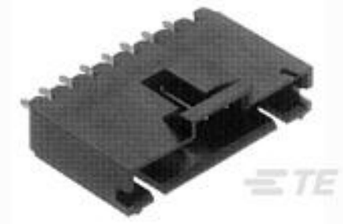

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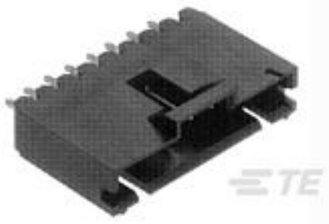

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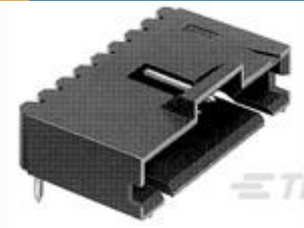

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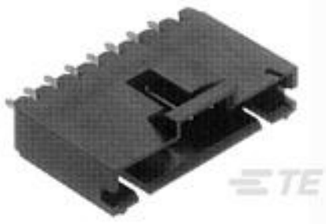

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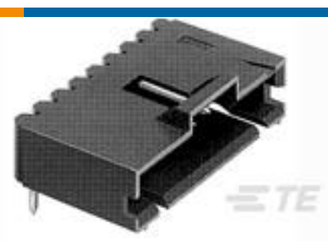

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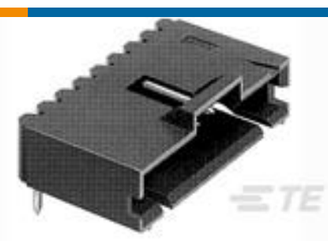
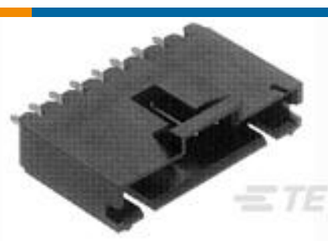


TE Part # 6-103635-9
20 MTE HDR SRRA LTCH.100CL LF



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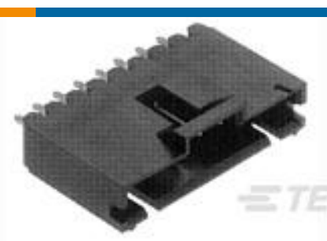

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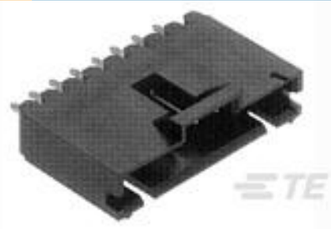

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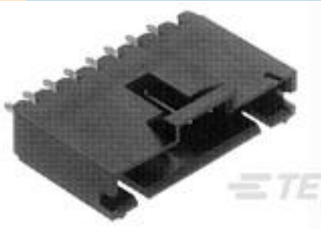

TE Part # 1-103669-9
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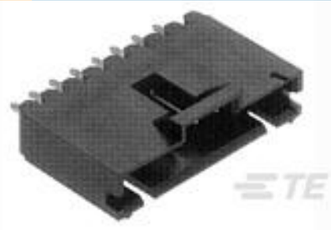
TE Part # 1-103904-9
20 MTE HDR SRRA LATCH W/HLDWN



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



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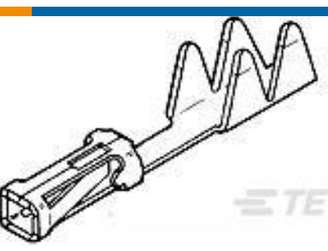
20 MTE HDR SRST LATCH .100CL



TE Part # 6-103904-9
20 MTE HDR SRRA LATCH W/HLDWN

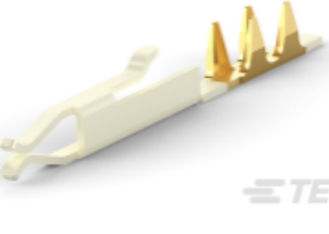


TE Part # 1761852-1
FFC RCPT HP 100SNPB RL NO LUBE

Customers Also Bought



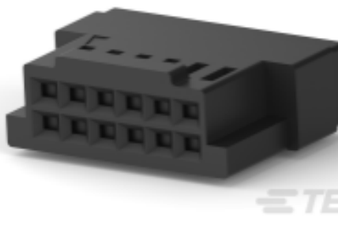
TE Part #1-487545-7
FFC Receptacle Housing: 1.27mm



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



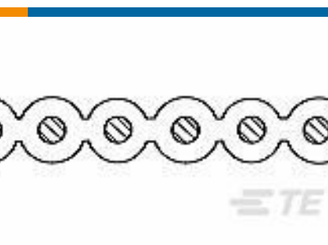
TE Part #1-88997-2
2.54mm FFC Connectors Pin Contacts



TE Part #1-487378-5
2.54mm FFC Connectors Receptacle Housing



TE Part #7-146277-0
20 MODII HDR SRST B/A .100CL



TE Part #1-57131-1
AMP 1-57131-1 Rev. M

Documents

Product Drawings

020 HOUSING FFC RCPT 100CL SR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-487526-9_AT.2d_dxf.zip

English

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