1-487544-7 ✔ ACTIVE

TE Internal #: 1-487544-7

FFC Connectors, Housing, Wire-to-Board, 20 Position, 1.27mm [.05in] Centerline, 1 Row, Socket, Package, Mating Retention, Wire & Cable, Normal

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FFC Connectors > FFC Receptacle Housing: 1.27mm







FFC Connector Product Type: **Housing**

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

Number of Positions: **20**

Centerline (Pitch): **1.27 mm [.05 in]**

Number of Rows: **1**

All FFC Receptacle Housing: 1.27mm (52)

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)	300 VAC
Insulation Resistance	5000 MΩ

Operating Voltage	100 VAC

Contact Features

Contact Type	Socket

Mechanical Attachment

Mating Retention Type	Detent Window
Mating Retention	With
Mating Alignment	Without
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Polyester
Centerline (Pitch)	1.27 mm[.05 in]
FFC Cable Entry	Straight
Housing Color	Black

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Other

Comment	Note 1: Plain housings are side-to-side stackable on either straight or right-angle post, unshrouded AMPMODU System 50 headers, Note 2: For end-to-end stacking, the posts located between the adjoining housings must be removed to provide housing end clearance

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-S01339127
1.27mm FFC Connectors Socket Contacts



TE Part # 5-104074-4
20 SYSTEM 50 HDR SRRA SHRD SN



TE Part # 5-104071-4
20 SYSTEM 50 HDR SRST SHRD SN



TE Part # 6-104186-1
20 SYS 50 HDR SRRA UNSHRD SN



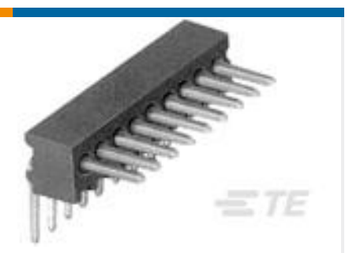
TE Part # 104071-4
20 SYSTEM 50 HDR SRST SHRD



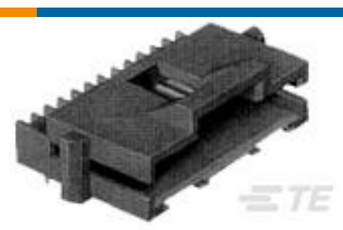
TE Part # 6-104178-1
20 SYS 50 HDR SRST UNSHRD SN



TE Part # 1-104178-1
20 SYSTEM 50 HDR SRST UNSHRD



TE Part # 1-104186-1
20 SYSTEM 50 HDR SRRA UNSHRD



TE Part # 104074-4
20 SYSTEM 50 HDR SRRA SHRD

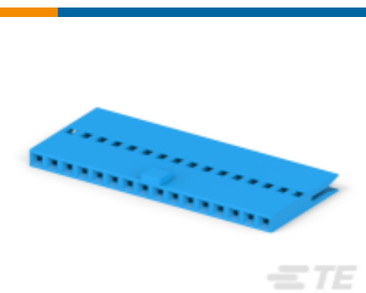
Customers Also Bought



TE Part #1-88117-0
2.54mm FFC Connectors Pin Contacts



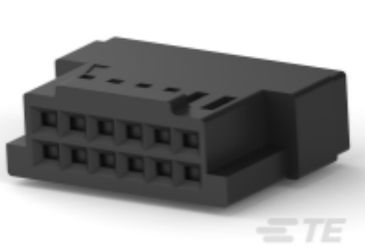
TE Part #1-487545-7
FFC Receptacle Housing: 1.27mm



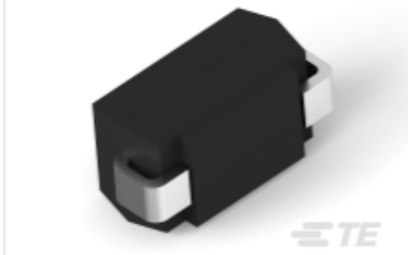
TE Part #2-487406-2
2.54mm FFC Connectors Socket Contacts



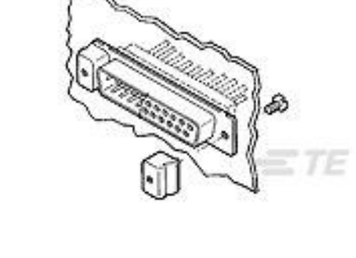
TE Part #1-487547-1
1.27mm FFC Connectors Socket Contacts



TE Part #2-487378-1
2.54mm FFC Connectors Receptacle Housing



TE Part #1-2176322-4
SMV 1W 1M2 5%



TE Part #208101-8
LATCH BLOCK (SZ 1-4)



TE Part #DTS24W25-43SA
Jam Nut: D38999, 25-43 Insert

Documents

Product Drawings

020 HOUSING FFC RCPT 050CL SR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-487544-7_Z.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-487544-7_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-487544-7_Z.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_SECTION3AND4

English

Product Specifications

Application Specification

English

Application Specification

English