487223-9 ✔ ACTIVE

TE Internal #: 487223-9

FFC Connectors, Housing, Wire-to-Board, 34 Position, 2.54mm [.1in] Centerline, 2 Row, Row-to-Row Spacing .1 in [2.54 mm], Socket, Package

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: **34**

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

Number of Rows: **2**

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	34
Number of Rows	2

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	Without
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

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]

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	1
Packaging Method	Package

Other

Comment	Use Extraction Tool No. 91093-1 for round wire contacts.

Product Compliance

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

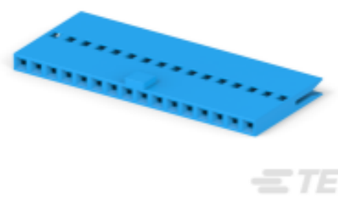
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

	Current ECHA Candidate List: JAN 2021 (211) Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

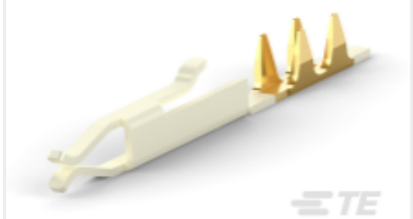
Product Compliance Disclaimer

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



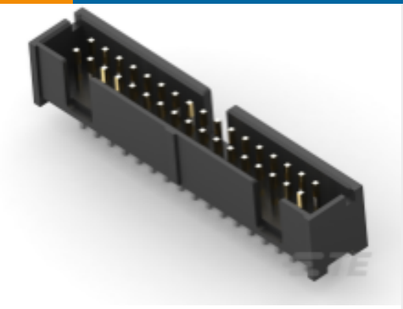
TE Part # CAT-F439-S01339127
1.27mm FFC Connectors Socket Contacts



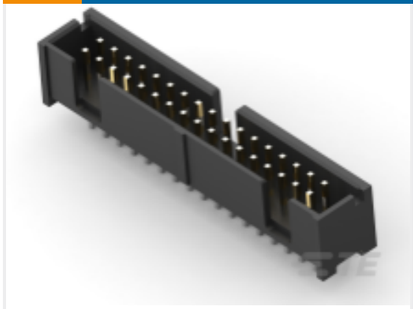
TE Part # CAT-F439-P65127
1.27mm FFC Connectors Pin Contacts



TE Part # CAT-F439-P65254
2.54mm FFC Connectors Pin Contacts



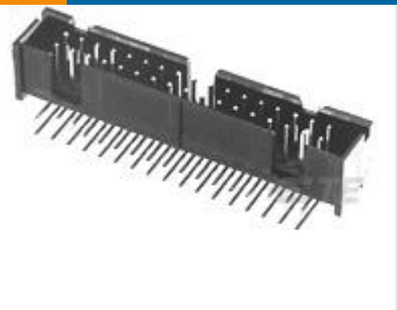
TE Part # 103308-7
034 LOPRO HDR SP 15DP



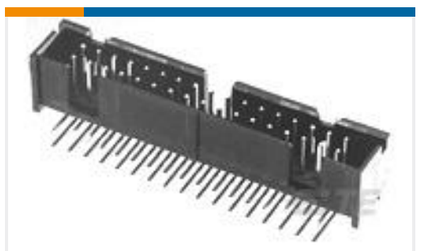
TE Part # 103309-7
034 LOPRO HDR SP 30DP



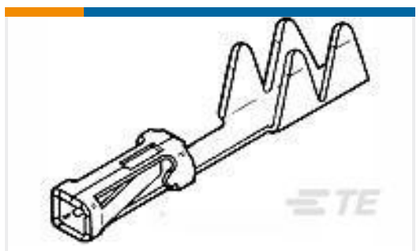
TE Part # CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



TE Part # 103310-7
034 LOPRO HDR RA 15DP



TE Part # 103311-7
034 LOPRO HDR RA 30DP



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



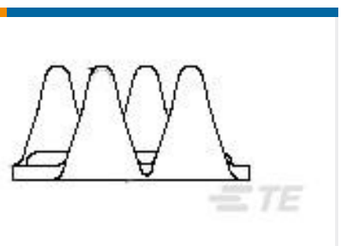
TE Part # 1-487137-1
FFC SOLDER TAB FULL 100 SN



TE Part # 487787-3
FFC SPLICE CONTACT L.P.



TE Part # 487843-1
FFC SPLICE CONTACT



TE Part # 494060-3
FFC TERMINAL PLT

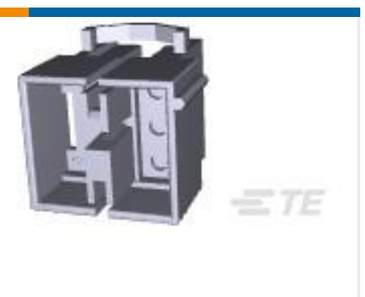
Customers Also Bought



TE Part #1-487544-7
FFC Receptacle Housing: 1.27mm



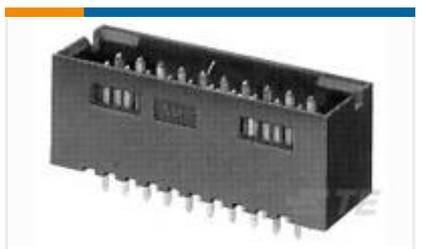
TE Part #1-487223-2
2.54mm FFC Connectors Receptacle Housing



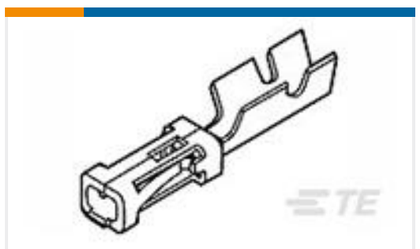
TE Part #1-480340-0
06P CMNL CAP HSG F/H NATL



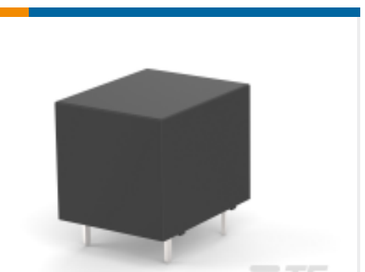
TE Part #1-480305-0
03P CMNL CAP HSG F/H NATL



TE Part #1-103169-5
34 MODII HDR DRST SHRD .100CL



TE Part #1-87756-6
MOD IV RECP LP



TE Part #1-1721150-5
ORWH 10 AMP PCB RELAY



TE Part #1-84533-6
1.25mm FPC Connectors



TE Part #91067-2
INSERTION/EXTRACTION TOOL

Documents

Product Drawings

034 HOUSING FFC RCPT 100CL DR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_487223-9_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_487223-9_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_487223-9_P.3d_stp.zip

English

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Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Extraction Tools

English

Agency Approvals

Agency Approval Document

English