1-487223-2 ✔ ACTIVE

TE Internal #: 1-487223-2

Housing, Wire-to-Board, 50 Position, 2.54 mm [.1 in] Centerline, 2 Row, Socket, Package, Normal, Mating Alignment, 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: **50**

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

Number of Rows: **2**

All 2.54mm FFC Connectors Receptacle Housing (143)

Features

Product Type Features

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

Configuration Features

Number of Positions	50
Number of Rows	2

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
FFC Cable Entry	Straight
Housing Material	Thermoplastic

Contact Features

Contact Type	Socket

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Mechanical Attachment

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

Body Features

Primary Product Color	Black

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

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

Dimensions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Product Compliance

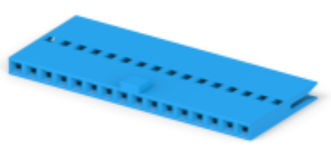
For compliance documentation, visit the product page on TE.com>

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 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

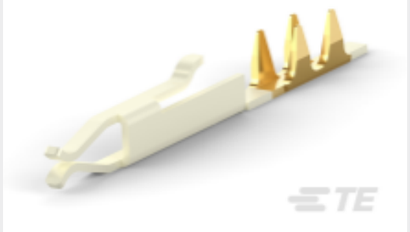
Product Compliance Disclaimer

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



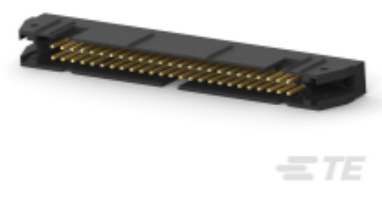
TE Part # CAT-F439-S01339254
2.54mm FFC Connectors Socket Contacts



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



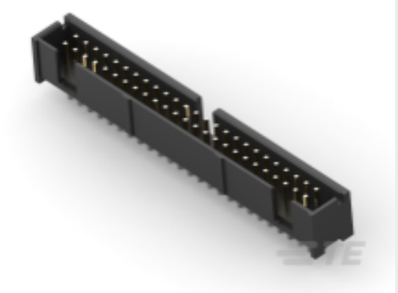
TE Part # CAT-F439-P65127
FFC Connector Pin Contacts, 1.27 mm



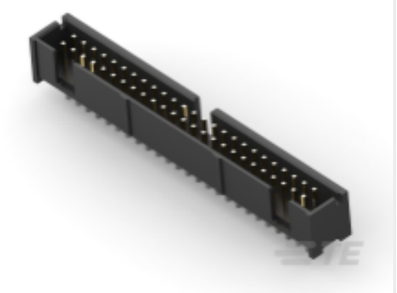
TE Part # CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



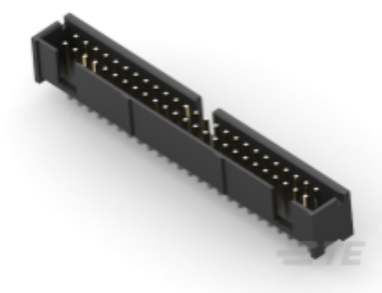
TE Part # CAT-F439-P65254
2.54mm FFC Connectors Pin Contacts



TE Part # 1-103308-0
050 LOPRO HDR SP 15DP



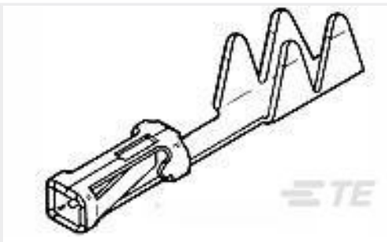
TE Part # 1-103309-0
050 LOPRO HDR SP 30DP



TE Part # 1-103310-0
050 LOPRO HDR RA 15DP



TE Part # 1-103311-0
050 LOPRO HDR RA 30DP



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



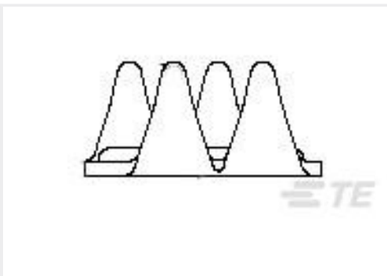
TE Part # 1-487137-1
FFC SOLDER TAB FULL 100 SN



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



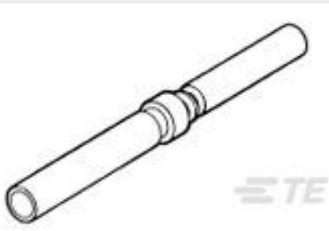
TE Part #36254
PIDG Ring Tongue Terminals



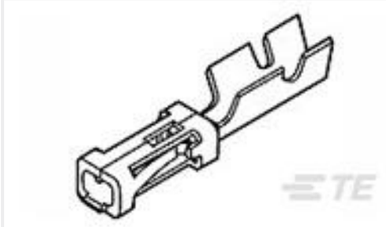
TE Part #1757820-7
AMPLIMITE,ASY,RCPT,STD,109,ZN,2,CT



TE Part #1757819-7
AMPLIMITE,ASY,PLUG,STD,109,ZN,2,CT



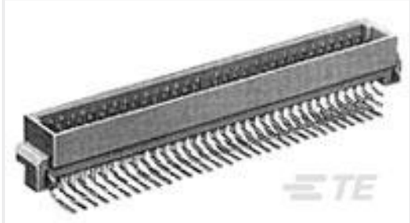
TE Part #206071-1
SZ 22, SOCKET, NON-MAG



TE Part #87756-7
MOD IV RECP LP



TE Part #206501-4
RECEPT ASSY,26 POSN,AMPLIMITE



TE Part #5536406-5
ASSY,PIN,EUROCARD,"C",LEAD-FREE,A&C,64/9



TE Part #1-1546406-1
ETHERNET CLOSURE CAP RECPT W /LANYRD



TE Part #206499-4
RECEPT ASSY,SZ 1,AMPLIMITE

Documents

Product Drawings

050 HOUSING FFC RCPT 100CL DR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-487223-2_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-487223-2_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-487223-2_P.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 Tool for Flexible Flat Cable (FFC)

English

Instruction Sheet (U.S.)

English

Extraction Tools

English

Agency Approvals

Agency Approval Document

English