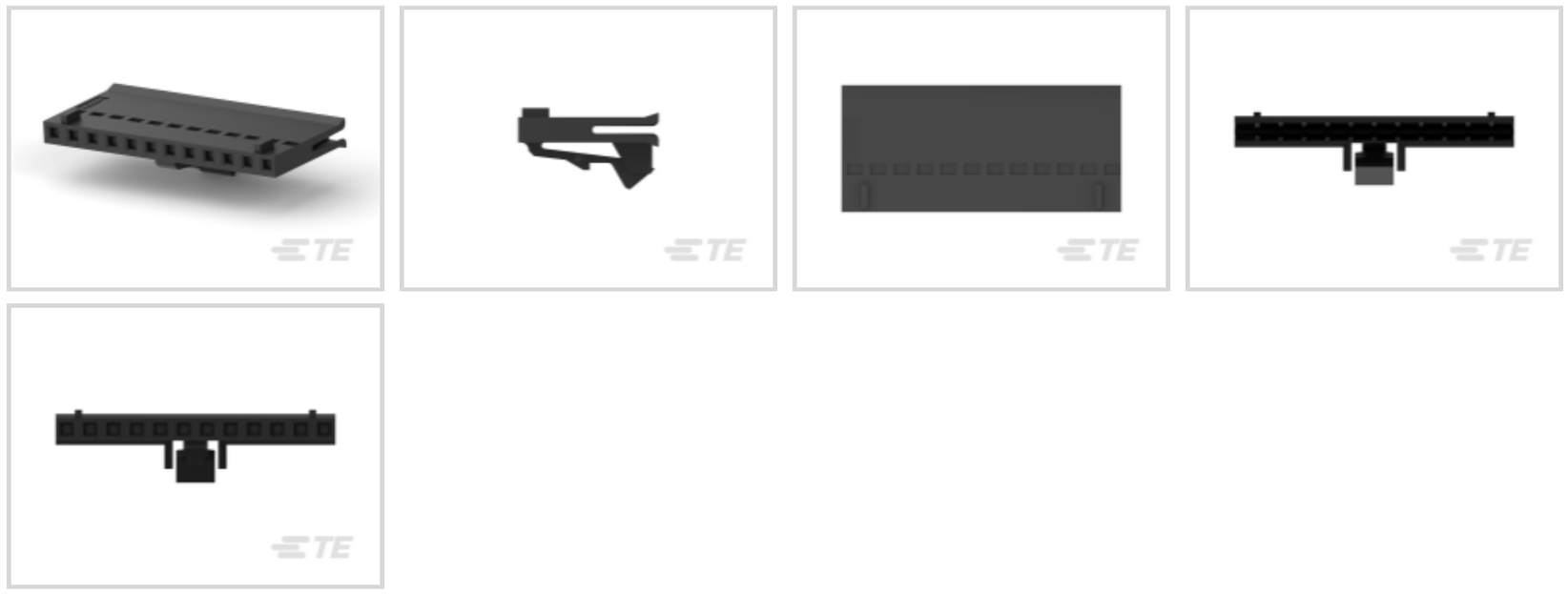
1-487526-1 ✔ ACTIVE

TE Internal #: 1-487526-1

Housing, Wire-to-Board, 12 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: **12**

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	12
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

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

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)

	Candidate List Declared Against: JUNE 2025 (250) 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

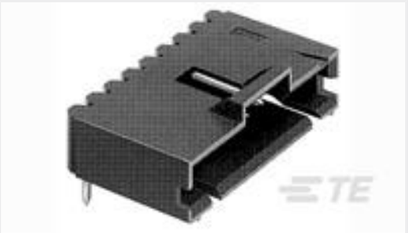
Product Compliance Disclaimer

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

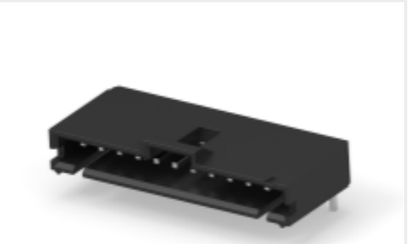
Compatible Parts



TE Part # 1-103635-1
12 MTE HDR SRRA LATCH .100CL



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



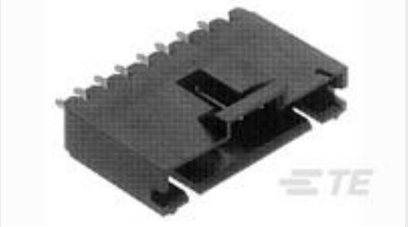
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12 MTE HDR SRRA LTCH.100CL LF



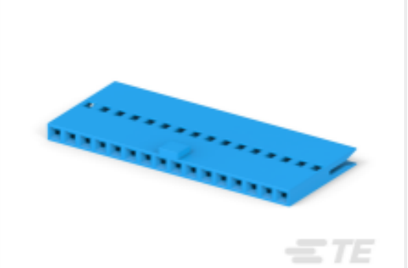
TE Part # 6-103904-1
12 MTE HDR SRRA LATCH W/HLDWN



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



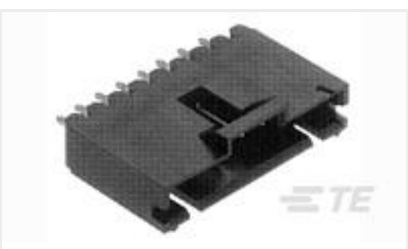
TE Part # 1-103735-1
12 MTE HDR SRST LATCH .100CL



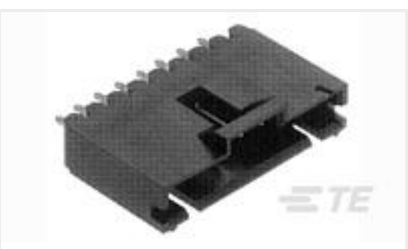
TE Part # CAT-F439-S01339254
2.54mm FFC Connectors Socket Contacts



TE Part # 6-103672-1
12 MTE HDR SRRA LATCH W/HLDWN



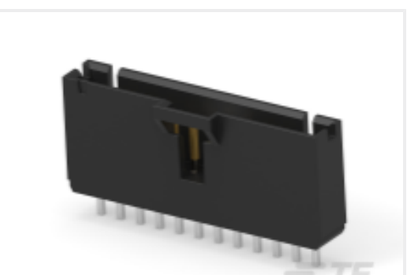
TE Part # 6-103639-1
12 MTE HDR SRST LATCH .100CL



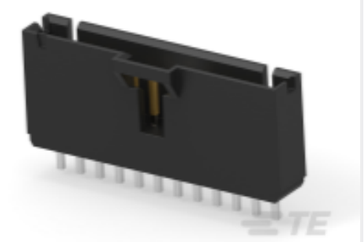
TE Part # 1-103638-1
12 MTE HDR SRST LATCH .100CL



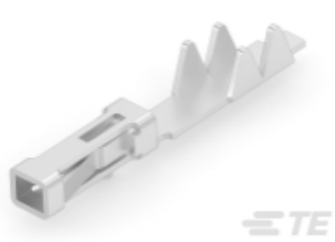
TE Part # 6-103635-1
12 MTE HDR SRRA LTCH.100CL LF



TE Part # 6-103908-1
12 MTE HDR SRST LATCH W/HLDWN



TE Part # 6-103735-1
12 MTE HDR SRST LATCH .100CL



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

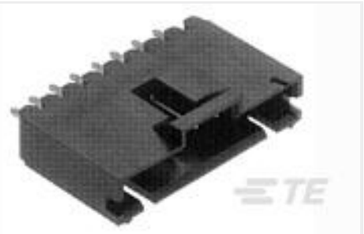


TE Part # 1-103908-1
12 MTE HDR SRST LATCH W/HLDWN

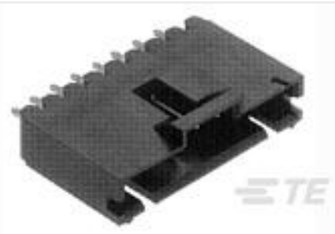


TE Part # 6-103673-1
12 MTE HDR SRRA LATCH W/HLDWN

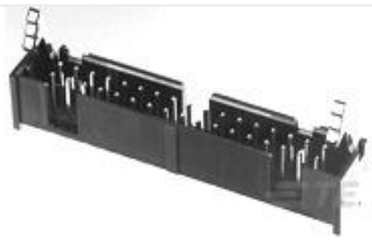
Customers Also Bought



TE Part #5-103639-2
03 MTE HDR SRST LATCH .100CL



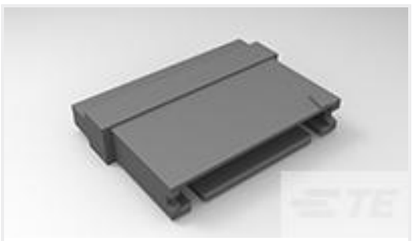
TE Part #5-103639-3
04 MTE HDR SRST LATCH .100CL



TE Part #104128-9
050 LOPRO HDR SP 30DP LATCH



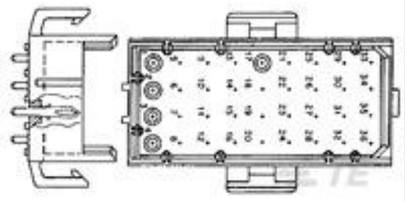
TE Part #1-104481-2
SHORT POINT RECP CONT LP



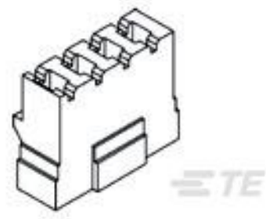
TE Part #485893-4
006 HOUSING FFC PIN 100CL SR



TE Part #487526-3
004 HOUSING FFC RCPT 100CL SR



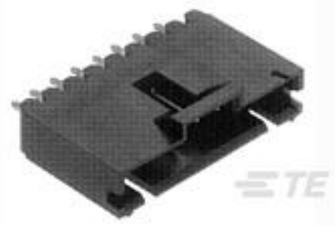
TE Part #640497-1
02P MR HDR ASSY



TE Part #1609140-3
PA105 J0=F6806



TE Part #1879351-5
RR01 5% 4K3 AMMO



TE Part #103908-1
02 MTE HDR SRST LATCH W/HLDWN

Documents

Product Drawings

012 HOUSING FFC RCPT 100CL SR

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-487526-1_AT.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-487526-1_AT.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-487526-1_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