1376477-4 ✔ ACTIVE

AMP Signal Double Lock

TE Internal #: 1376477-4

4 Position, Plug, Housing, Crimp, Wire-to-Board, UL 94V-0, 2.5 mm [.098 in] Centerline, 1 Row, 50 VAC, Wire & Cable, AMP Signal Double Lock

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Mating Retention Type: **Latch**

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

UL Flammability Rating: **UL 94V-0**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VDC

Body Features

Primary Product Color	Natural

Contact Features

Contact Layout	Inline
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Current Rating (Max)	2.5 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	Nylon 66 GF

Dimensions

Connector Height	6.5 mm[.256 in]
Connector Length	12.5 mm[.492 in]
Wire Size	.12 – .38 mm^2

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	400
Packaging Method	Bag & Box

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 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

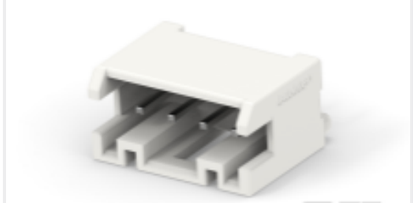
Product Compliance Disclaimer

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



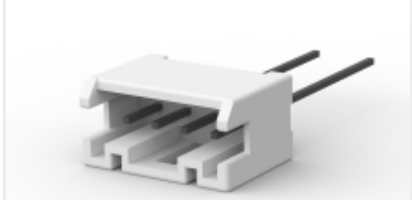
TE Part # 2371020-4
DBL LOCK PLATE FOR SMC PLUG 4P



TE Part # 1376478-4
2.5MM SIGNAL MATE CONN HEADER



TE Part # 1743492-1
BLOWER MOTOR 3P PLUG HSG



TE Part # 5-1376492-4
2.5 SMC HDR 4POS WHITE TAPE



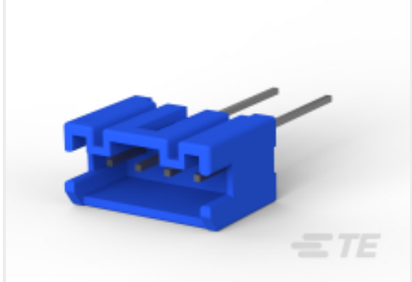
TE Part # 2321467-1
I/O THROUGH CONNECTOR ASS'Y 4P



TE Part # 1717567-4
DBL LOCK PLATE FOR SMC PLUG 4P



TE Part # 2-1376477-4
2.5MM PITCH SIGNAL MATE CONN



TE Part # 7-1376492-4
2.5 SMC HDR 4POS BLUE TAPE



TE Part # 1473585-1
I/O THROUGH CONNECTOR ASS'Y 4P

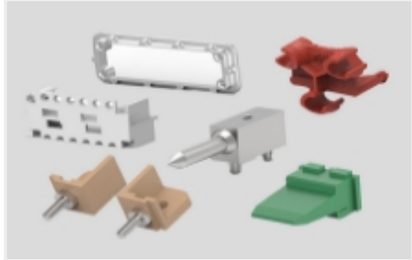
Also in the Series | AMP Signal Double Lock



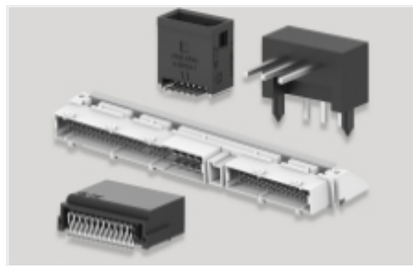
Connector Caps & Covers(1)



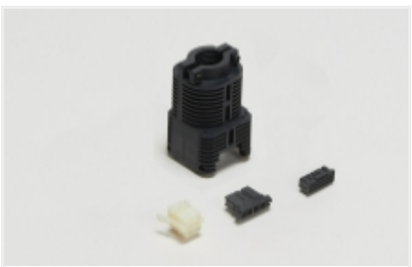
Connector Contacts(14)



Connector Hardware(19)



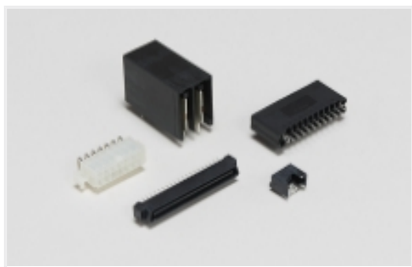
PCB Headers & Receptacles(152)



Rectangular Connector Housings(94)



Rectangular Power Connectors(69)



Standard Rectangular Connectors(95)



Wire-to-Board Connector Assemblies & Housings(32)

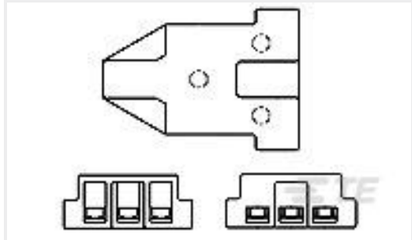
Customers Also Bought



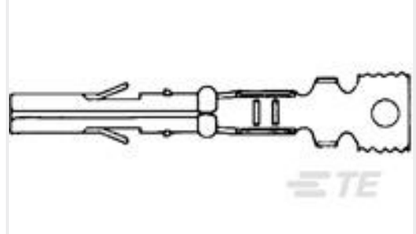
TE Part #66098-1
III+ PIN,18-16,30AU>10,STRIP



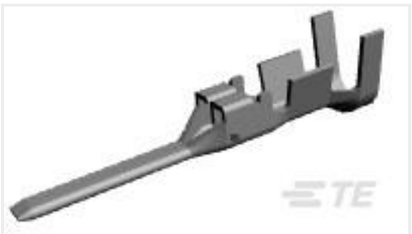
TE Part #154719-4
PL 250 REC HSG 1P NYLON YELLOW



TE Part #171370-5
CLUSTER BLOCK HSG PBT



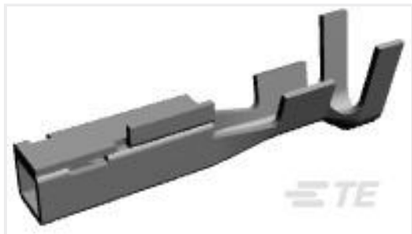
TE Part #794000-2
MR RECEPTACLE AU PHBZ



TE Part #1565080-1
GRACE INERTIA 3.5 TAB CONTACT(L)



TE Part #1565085-1
GRACE INERTIA CONNECTOR 3.5 2P



TE Part #1612334-1
GRACE INERTIA 3.5 REC CONTACT (M)



TE Part #1747066-4
GRACE INERTIA CONN 2.5 PLUG HSG 4P NATUR



TE Part #2232905-1
EP 2.5 LIF RCPT CONTACT, 26-22 AWG



TE Part #5206393-1
AMPLIMITE ASSY, SIZE 2

Documents

Product Drawings

2.5MM PITCH SIGNAL MATE CONN

English

CAD Files

Customer View Model

ENG_CVM_CVM_1376477-4_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1376477-4_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1376477-4_E.3d_stp.zip

English

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Product Specifications

Application Specification

English