1-284686-1 ✔ ACTIVE

RAST | RAST 5 IDC Connectors

TE Internal #: 1-284686-1

RAST 5 IDC Connectors, Standard Rectangular Connectors, Connector Assembly, Receptacle, Mating Alignment, Polarization Mating Alignment Type

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

Features

Product Type Features

Product Style	Assembly
Shape	Rectangular
Wire/Cable Type	Stranded
Connector Type	Connector Assembly
Housing Type	Receptacle
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Cavities	10
Number of Positions	10
Number of Rows	1

Panel Gasket	Without

Electrical Characteristics

Operating Voltage	240 VAC

Contact Features

Contact Layout	In-line
Contact Type	Female
Contact Transmits (Typical)	Power
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Current Rating (Max)	10 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)

Mechanical Attachment

Panel Mount	No
Panel Mount Feature	Without
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Locking Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Color	Natural
Housing Material	PA 6.6
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Width	14 mm[.55 in]
Height	24.5 mm[.964 in]
Length	49.9 mm[1.96 in]
Wire Size	.5 – 1.5 mm^2

Usage Conditions

Operating Temperature Range	-25 – 105 °C[-13 – 221 °F]

Operation/Application

Shielded	No
Circuit Application	Power

Industry Standards

Agency/Standard	UL
UL Rating	Recognized
VDE Tested	Yes
UL File Number	E28476
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Method	Box & Tray

Product Compliance

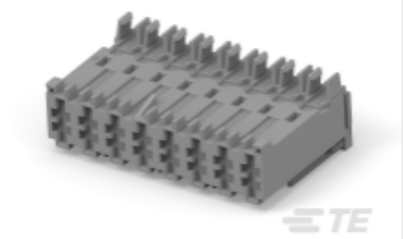
For compliance documentation, visit the product page on TE.com>

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

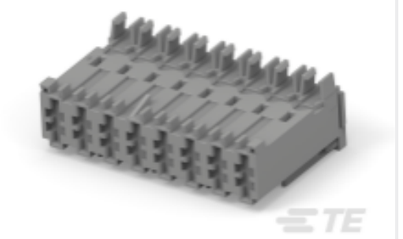
Product Compliance Disclaimer

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

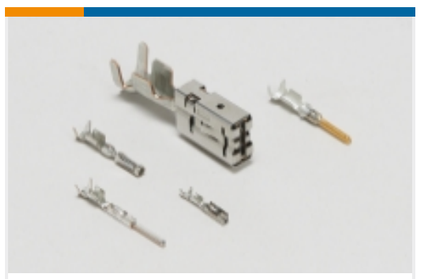


TE Part # 1-284685-1
MONO-SHAPE 8 POS TAB L.I.F. CO



TE Part # 2-284685-1
MONO-SHAPE 8POS TAB L.I.F.CONN

Also in the Series | RAST 5 IDC Connectors



Automotive Terminals(8)



Connector Contacts(12)



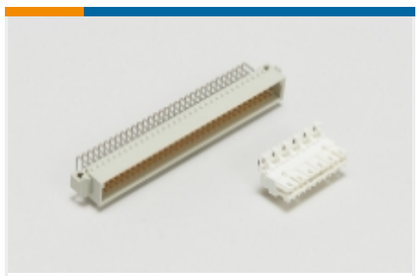
Crimp Terminal Housings(41)



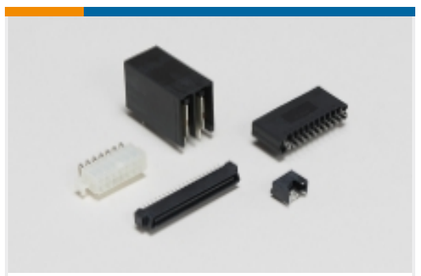
Insertion & Extraction Tools(1)



Rectangular Connector Housings(1)



Standard Edge Connectors(36)



Standard Rectangular Connectors(138)



Wire-to-Board Connector Assemblies & Housings(214)



Wire-to-Board Connector Contacts(2)

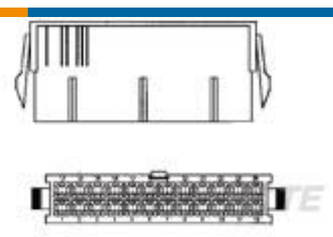


Wire-to-Board Headers & Receptacles (424)

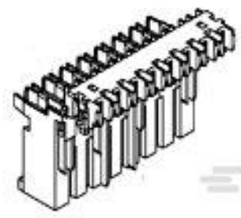
Customers Also Bought



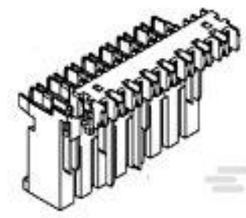
TE Part #925575-1
TIMER, RECEPTACLE AND TAB



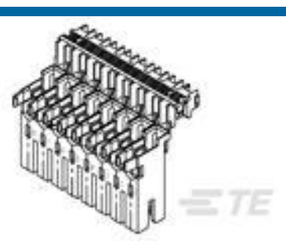
TE Part #1-1586861-4
14P PM PLUG VAL-U-LOK PM GW



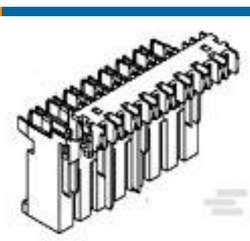
TE Part #1-282002-6
MONO-SHAPE MK I TAB CONN ASSY



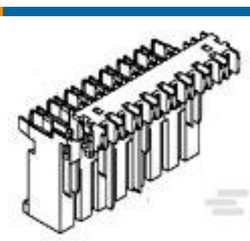
TE Part #1-282003-1
MONO-SHAPE TAB CONN 3P. ASSY



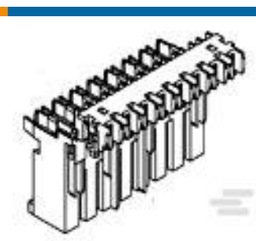
TE Part #1-282047-1
AMP MONO-SHAPE P.C.B.CONN7P. GL



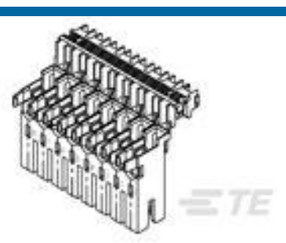
TE Part #1-282002-2
AMP MONO-SHAPE TAB CONN 2P. G



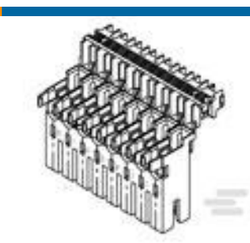
TE Part #1-282002-1
AMP MONO-SHAPE TAB CONN 2P.



TE Part #1-282002-8
MONO-SHAPE MK I TAB CONN ASSY



TE Part #1-282042-2
AMP MONO-SHAPE P.C.B.CONN2P. GL



TE Part #1-282045-2
AMP MONO-SHAPE P.C.B.CONN5P. G

Documents

Product Drawings

MONO-SHAPE 10POS TAB L.I.F. CO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-284686-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-284686-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-284686-1_C.3d_stp.zip

English

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Datasheets & Catalog Pages

1654742_HOUSEHOLD_APPLIANCES_RAST5

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

VDE Certificate

English