5-284866-6

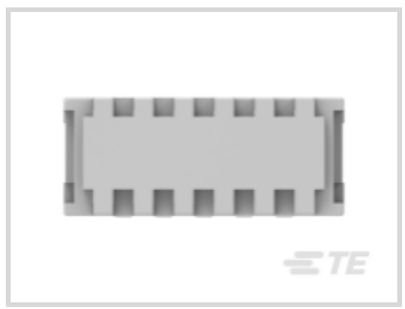
TE Internal #: 5-284866-6

TE Internal Description: DUOPLUG 2.5 6P,SIDE LOCK, SEL. LOADED

View on TE.com >

Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors




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

Number of Positions: **6**

Centerline (Pitch): **2.5 mm [.098 in]**

Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

Number of Rows: **1**

Features

Product Type Features

Connector System	Wire-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Card Entry Style	Side
Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	6
Number of Rows	1
Connector Contact Load Condition	Selectively Loaded
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Light Gray

Contact Features

Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	Without
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Mating Retention	With
Mating Alignment Type	Keyed
Mating Alignment	With
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Card Slot Depth	5 mm
PCB Thickness (Recommended)	1.5 mm[.059 in]
Compatible Insulation Diameter Range	1.27 mm[.05 in]
Wire Size	24 – 22 AWG

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Tray
Packaging Quantity	280

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

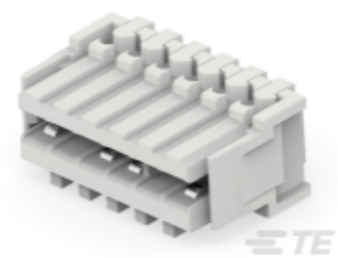
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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

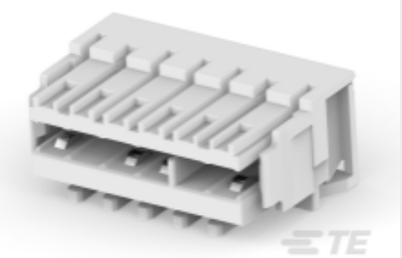
Compatible Parts

TE Part # 964077-1
FEDERKONT RAST2,5



TE Part # 5-2402732-6
Same as 5-284866-6 w/ alternative resin

TE Part # 2-284864-6
DUOPLUG SL, FEMALE HSG, 6 POS (POL 4/5)



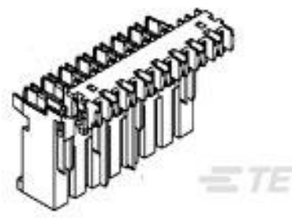
TE Part # 2-2306287-6
6P DUOPLUG MARK II SIDE LOCKING, SEL

TE Part # 293031-1
IDC FEMALE CTC FOR DUOPLUG MKI ITALIAN

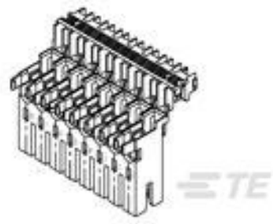
Customers Also Bought



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



TE Part #1-282003-6
AMP MONO-SHAPE TAB CONN



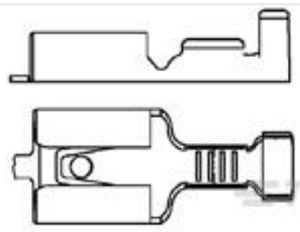
TE Part #1-282042-5
AMP MONO-SHAPE P.C.B.CONN2P. GL



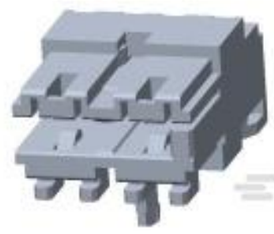
TE Part #1-282046-1
AMP MONO-SHAPE P.C.B.CONN6P. GL



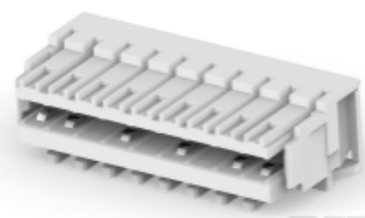
TE Part #1-282047-1
AMP MONO-SHAPE P.C.B.CONN7P. GL



TE Part #336235-3
250 FASTON,REC.,24-17 AWG,PTBR



TE Part #2-1740533-2
AMP DUOPLUG POW CONNECTOR



TE Part #1-2306287-9
9P DUOPLUG MARK II SIDE LOCKING, SEL



TE Part #284970-3
Duoplug Std 3 pos. reinf. cover



TE Part #1-293041-1
FF 250 PLUG 0.35-1MM2 BR

Documents

Product Drawings

DUOPLUG 2.5 6P,SIDE LOCK, SEL. LOADED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-284866-6_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-284866-6_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-284866-6_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

RAST Connector System Catalog

English

Product Specifications

Application Specification

English