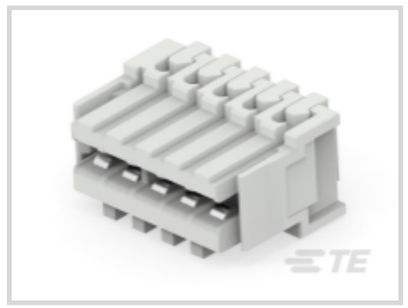
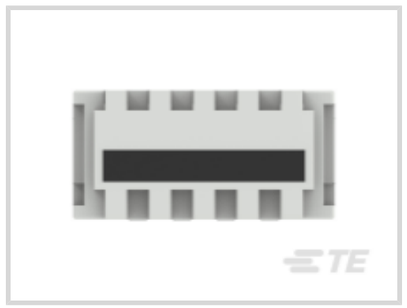
2402731-5 × OBSOLETE

TE Internal #: 2402731-5

TE Internal Description: Same as 284865-5 w/ alternative resin

View on TE.com >




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

Number of Positions: **5**

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	Plug
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Card Entry Style	Side
Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	5
Number of Rows	1
Connector Contact Load Condition	Fully Loaded

Electrical Characteristics

Operating Voltage	63 VAC

Body Features

Keying Between Cavity Locations	2&3
Primary Product Color	Natural

Contact Features

PCB Contact Termination Area Plating Material Thickness	4 – 10 µm
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	With
PCB Mount Alignment	With

Housing Features

Housing Entry Configuration	Both Ends Closed
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	1.3 – 2.1 mm[.05 – .08 in]
Connector Height	7.35 mm
Wire Size	24 – 22 AWG

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	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	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: 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

Customers Also Bought



TE Part #3-172076-1
POSITIVE LOCK 250 HOUSING RECEPTACLE



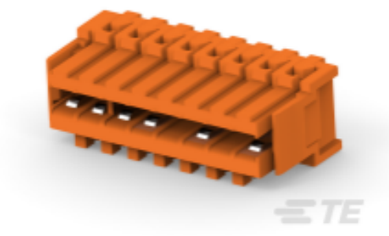
TE Part #1-1740533-7
AMP DUOPLUG POW CONNECTOR



TE Part #2150365-1
OCEAN_2.0_Applicator-E-090F130F-REM



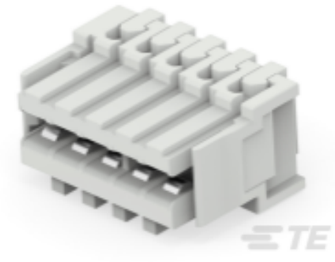
TE Part #1-2293382-3
AMP MONO-SHAPE TAB CONN 3P



TE Part #4-284866-8
DUOPLUG 2.5 8P,SIDE LOCK, SEL. LOADED

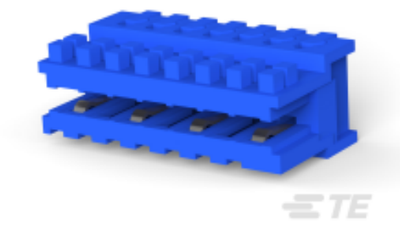


TE Part #284970-3
Duoplug Std 3 pos. reinf. cover



TE Part #2-2402731-5
Same as 2-284865-5 w/ alternative resin

TE Part #2-284866-3
DUOPLUG SIDE LOCK., 3 POS, Sel load, 1/2



TE Part #284931-7
DUOPLUG Standard, female conn.

TE Part #1-284931-0
DUOPLUG STD 10 POS POL sel LOADED

Documents

Product Drawings

Same as 284865-5 w/ alternative resin

English

CAD Files

Customer View Model

ENG_CVM_CVM_2402731-5_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2402731-5_B.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2402731-5_B.2d_dxf.zip

English

3D PDF

3D

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

Agency Approvals

VDE Certificate

English