2-284865-3

RAST

TE Internal #: 2-284865-3

TE Internal Description: DUOPLUG side lock., 3 pos,fully, 1/2

View on TE.com >

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







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

Number of Positions: **3**

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
Number of Insulation Displacement Slots	3
Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	3
Number of Rows	1
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	63 VAC

Body Features

Keying Between Cavity Locations	1&2

Primary Product Color	Red

Contact Features

Contact Retention Within Housing	Without
PCB Contact Termination Area Plating Material Thickness	4 – 10 µm
Contact Mating Area Plating Material	Tin (Sn)
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

PCB Mount Retention	With
Mating Retention	With
Mating Alignment Type	Keyed
Mating Alignment	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

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[.2 in]
Compatible Insulation Diameter Range	1.3 – 2.1 mm[.05 – .08 in]
PCB Thickness (Recommended)	1.5 mm[.059 in]
Connector Height	7.35 mm[.29 in]
Wire Size	24 – 22 AWG

Operation/Application

Circuit Application	Signal

Industry Standards

Glow Wire Rating	GWEPT 750°C (Without Flame)

Packaging Features

Packaging Quantity	448
Packaging Method	Tray

Product Compliance

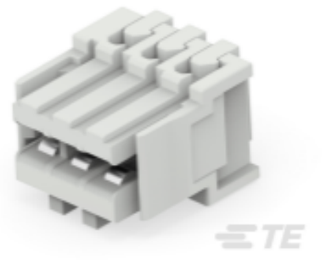
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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 applicable for solder process capability

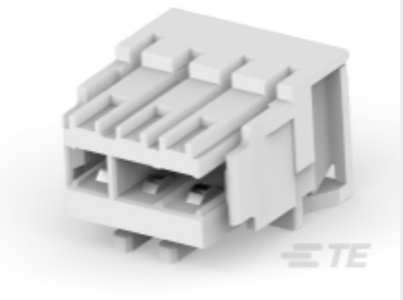
Product Compliance Disclaimer

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 # 2-2402731-3
Same as 2-284865-3 w/ alternative resin



TE Part # 2-2306286-3
3P DUOPLUG MARK II SIDE LOCKING, FUL

Customers Also Bought



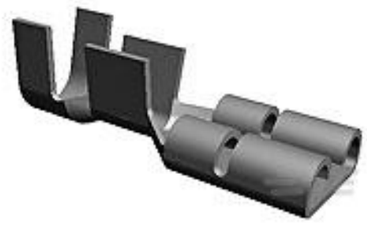
TE Part #170325-1
187 PL MKII REC. 20-16AWG PTBR



TE Part #175020-1
250 PL EX REC. 22-18AWG PTBR



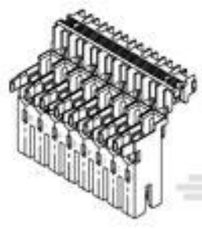
TE Part #175022-1
250 PL EX REC. 18-14AWG PTBR



TE Part #280000-6
250 FASTON,REC.,24-17 AWG,TPBR



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



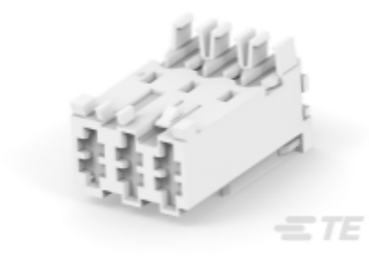
TE Part #1-282042-3
AMP MONO-SHAPE P.C.B.CONN2P. GL



TE Part #350537-1
UMNL SOK 20-14 .0126 PTPBR



TE Part #350538-1
UMNL PIN 20-14 .0126 PTPBR



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



TE Part #284930-3
DUOPLUG Standard, female conn.

Documents

Product Drawings

DUOPLUG side lock., 3 pos,fully, 1/2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-284865-3_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-284865-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-284865-3_B.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

Agency Approvals

Agency Approval Document

English