

DUOPLUG side lock., female con

✓ ACTIVE

RAST

TE Part # 284865-3

TE Internal #: 284865-3

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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 Crimp (IDC)**

Locking Clip Location: **None**

Features

Product Type Features

Wire/Cable Type	Stranded
Connector System	Wire-to-Board
Connector Style	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Card Entry Style	Side
Number of Insulation Displacement Slots	3
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
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Body Features

Keying Between Cavity Locations	2&3
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Connector Profile	Standard
Contact Features	
PCB Contact Termination Area Plating Material Thickness	4 – 10 µm
Contact Type	Socket
Contact Mating Area Plating Material	Pre-Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	2 A
Termination Features	
Termination Method to Wire & Cable	Insulation Displacement Crimp (IDC)
Mechanical Attachment	
Mating Alignment	With
Mating Alignment Type	Keyed
Mating Retention	With
Contact Retention	Without
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	With
Locking Clip Location	None
Connector Mounting Type	Board Mount
Housing Features	
Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	2.5 mm[.098 in]
Housing Color	Black
Housing Material	PBT GF
Dimensions	
Height	7.35 mm[.29 in]
Card Slot Depth	5 mm[.2 in]
PCB Thickness (Recommended)	1.5 mm[.059 in]
Accepts Wire Insulation Diameter Range	1.3 – 2.1 mm[.05 – .08 in]
Wire Size	.22 – .35 mm²
Usage Conditions	
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]



Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Tray
Packaging Quantity	448

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	欧洲化学品管理局最新发布的SvHCs候选清单: 2019年1月（197） SvHCs候选清单的声明更新至: 2019年1月（197）
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought

DUOPLUG side lock., female con

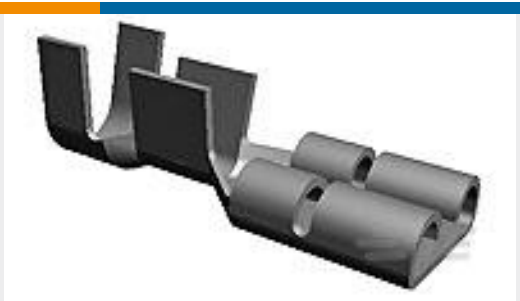
TE Part # 284865-3
TE Internal #: 284865-3



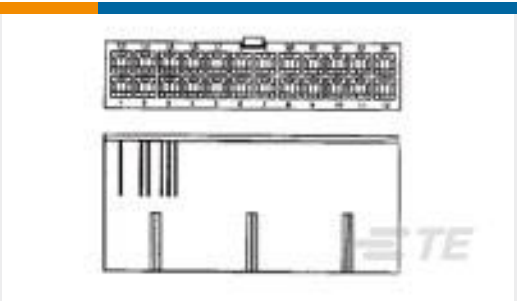
TE Part #2-284865-3
DUOPLUG side lock., 3 pos,fully, 1/2



TE Part #444335-3
FASTON 250 REC 1-5
MM2 0.40 X 18.54 BR



TE Part #444334-3
FASTON 250 REC 0.3-0.8
MM2 0.40X18.54 BR



TE Part #1-1586017-4
14P FH PLUG VAL-U-LOK V0



TE Part #3-1123722-5
3.96 EP PLUG HSG 5P (BLUE)



TE Part #1-2029078-0
10P MICRO MNL PLUG, PAN MNT,NAT



TE Part #1-284865-0
Duoplug 2.5, female conn., 10 pos.



TE Part #1743206-1
POSITIVE LOCK 250 RECEPTACLE



TE Part #1743206-2
POSITIVE LOCK 250 RECEPTACLE



TE Part #2-284865-8
DUOPLUG side lock., female con

Documents

Product Drawings

DUOPLUG side lock., female con

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_284865-3_A_c-284865-3-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_284865-3_A_c-284865-3-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_284865-3_A_c-284865-3-a.3d_stp.zip

English

Datasheets & Catalog Pages

1654742_HOUSEHOLD_APPLIANCES_RAST5



English

Product Specifications

Product Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

Agency Approval Document

English