



Connectors > Contacts > Connector Contacts > Contact: Component To Wire ; 20-45A , 20-8 wire size



Contact Type: **Tab**

Contact Mating Area Plating Material: **Gold**

Operating Voltage: **250 VAC**

Compatible With Wire & Cable Type: **Discrete Wire**

Wire Size: **12 – 10 AWG**

[All Contact: Component To Wire ; 20-45A , 20-8 wire size \(43\)](#)

Features

Mechanical Attachment

Wire Insulation Support	With
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Packaging Features

Packaging Quantity	2400
Packaging Method	Package/Box

Product Type Features

Discrete Wire Type	Stranded
Sealable	No

Dimensions

Compatible Insulation Diameter Range	4 – 5.2 mm[.157 – .205 in]
Wire Size	3.08 – 5.5 mm ²

Contact Features

Contact Underplating Material	Nickel
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Contact Orientation	Straight
Contact Mating Area Plating Material Thickness	.2 μm[7.9 μin]
Mating Tab Width	6.4 mm[.25 in]
Contact Shape & Form	Rectangular
Contact Length	37.9 mm[1.49 in]
Mating Tab Thickness	1 mm[.039 in]
Barrel Type	Open
Contact Type	Tab
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	30 A

Electrical Characteristics

Operating Voltage	250 VAC
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241)
Candidate List Declared Against: JUNE 2024 (241)
Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 2151086-2
[OCEAN_2.0_APPLICATOR-S-160F240F-RSA](#)



TE Part # 7-2151086-7
[OCEAN_2.0_SPARE_PART_KIT-160F240F](#)

Also in the Series | [Dynamic 5000 Series](#)



[Connector Caps & Covers\(2\)](#)



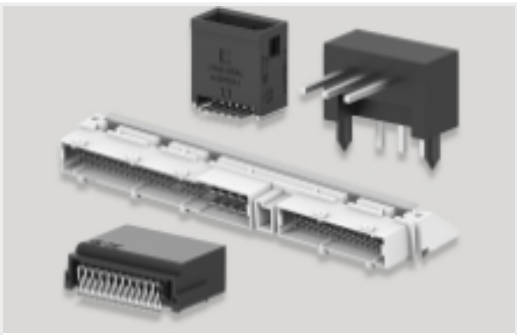
[Connector Contacts\(43\)](#)



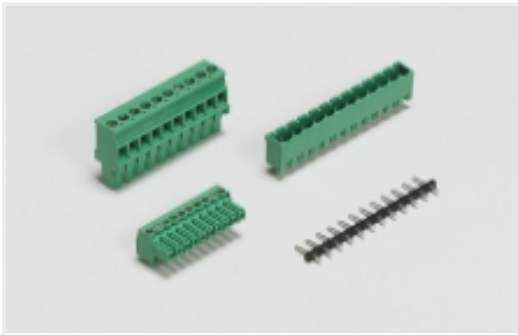
[Connector Hardware\(3\)](#)



[Insertion & Extraction Tools\(1\)](#)



PCB Headers & Receptacles(59)



PCB Terminal Blocks(6)



Wire-to-Board Connector Assemblies & Housings(71)

Customers Also Bought

TE Part #1-179553-2
Receptacle and Tab Housing: 5.08 mm Pitch, 250-600V

TE Part #1-917809-2
DYNAMIC 5000 REC AND TAB HSG

TE Part #353718-2
DYNAMIC D-3 TAB CONT. 3L AU 0.38 L/P

TE Part #900412-1
PC I/O RETENTION LEG ASSY 80P

TE Part #900413-1
PC I/O RETENTION LEG ASSY 40P

TE Part #170046-2
250 FASTON,REC.,16-14 AWG,TPBR

Documents

Product Drawings

D5000 TAB CONT M LONG REEL AU PLATING

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_84695-1_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_84695-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_84695-1_H.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



Product Specifications

[Crimping of D-5000 Contacts For High Current Hybrid Drawer Connector](#)

English

[Application Specification](#)

English

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English

[Extraction Tool for AMP Dynamic D-5000 Series](#)

English

Agency Approvals

[TUV Certificate](#)

English

[TUV Certificate](#)

English