

WIN*SOURCE*
ELECTRONICS

THE DATASHEET OF
1318696-6



1318696-6 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 5000 Series](#)

TE Internal #: 1318696-6

Receptacle Contact, Silver, 630 VAC, 8 AWG Wire Size, 7.95 – 8.92 mm² Wire Size, Crimp, Copper Alloy, Power, Dynamic 5000 Series

[View on TE.com >](#)



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



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Silver**

Operating Voltage: **630 VAC**

Wire Size: **7.95 – 8.92 mm²**

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

Features

Electrical Characteristics

Operating Voltage	630 VAC
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Contact Features

Mating Tab Width	6.4 mm[.25 in]
Mating Tab Thickness	1 mm[.039 in]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Length	23.4 mm[.921 in]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Barrel Type	Open
Contact Type	Receptacle
Contact Mating Area Plating Material	Silver
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	45 A

Termination Features



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

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	4.9 – 7.8 mm [.193 – .307 in]
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Wire Size	7.95 – 8.92 mm ²
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Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	2400
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Packaging Method	Reel & Box
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # CAT-D9934-A83A
DYNAMIC 5000 REC AND TAB HSG



TE Part # 409158-1
EXTRACTION TOOL



TE Part # 179993-1
DYNAMIC D-5 SEQUENTIAL CLIP



TE Part # 1366044-1
HHHT DYNAMIC D-5 L 8 ASSY




TE Part # 2266274-2
OCEAN-2.0-APPLICATOR-S-180F290F-RSA




TE Part # 7-2266274-7
OCEAN_2.0_SPARE_PART_KIT-180F290F


Also in the Series | Dynamic 5000 Series




Connector Caps & Covers(2)



Connector Contacts(43)



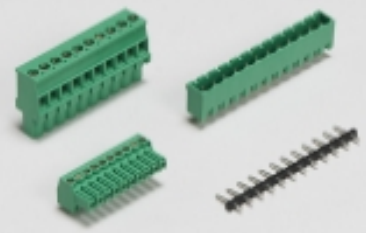
Connector Hardware(3)




Insertion & Extraction Tools(1)



PCB Headers & Receptacles(59)

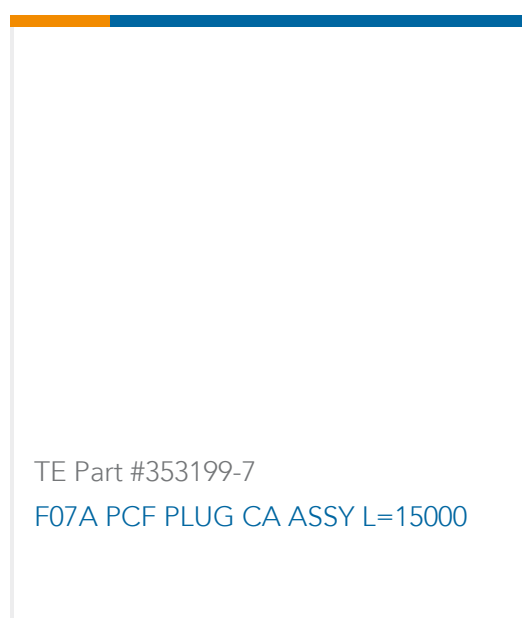


PCB Terminal Blocks(6)



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

Customers Also Bought



Documents

Product Drawings

[DYNAMIC D-5 REC CONT L](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1318696-6_G.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1318696-6_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1318696-6_G.3d_stp.zip](#)

English

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

Product Specifications



Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Extraction Tool for AMP Dynamic D-5000 Series

English

Instruction Sheet (non U.S.)

Japanese

Agency Approvals

TUV Certificate

English

TUV Certificate

English

TUV Certificate

English

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

[View 1318696-6 on WIN SOURCE](#)

[TE Connectivity Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management