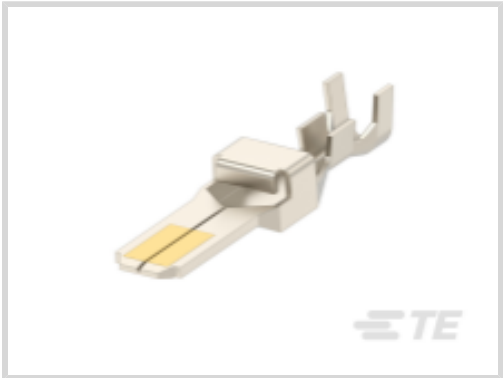




Connectors > Contacts > Connector Contacts > Contact: Component To Wire ; 20-45A , 20-8 wire size



Contact Type: **Tab**

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

Mechanical Attachment

Wire Insulation Support	With
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Packaging Features

Packaging Method	Bag & Box
Packaging Quantity	3000

Dimensions

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

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Tab Thickness	.8 mm[.031 in]
Barrel Type	Open
Contact Mating Area Plating Material Thickness	2.54 μm[100 μin]
Mating Tab Width	6.4 mm[.25 in]
Contact Length	33.7 mm[1.327 in]
Contact Type	Tab



Contact Mating Area Plating Material	Silver
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	45 A

Electrical Characteristics

Operating Voltage	630 VAC
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Termination Features

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

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 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>

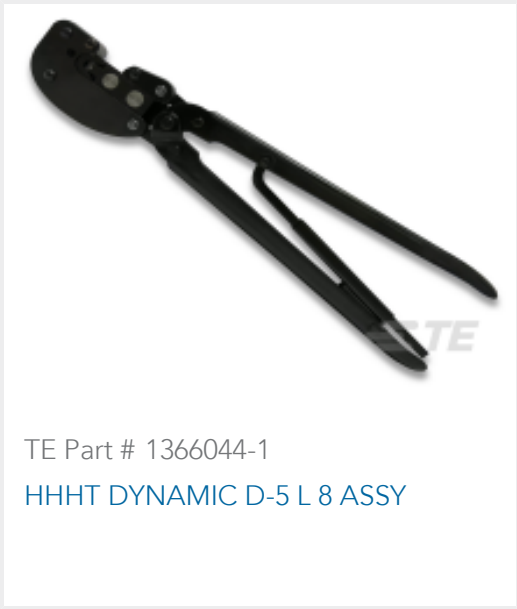
Compatible Parts



TE Part # 1-353047-3
DYNAMIC D-5200S TAB HSG 3P K/X

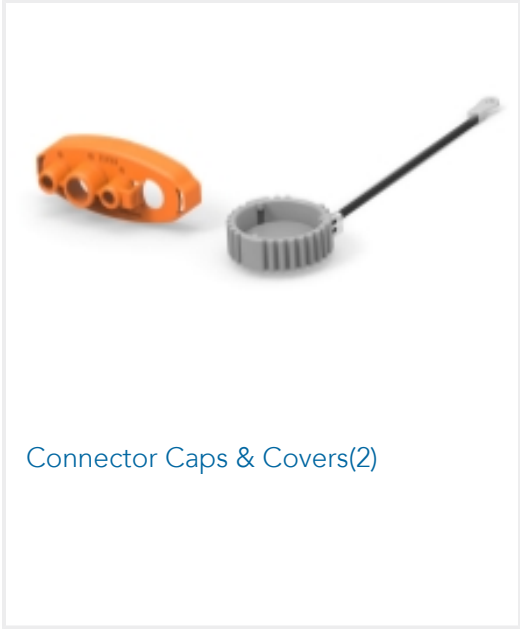


TE Part # 179993-1
DYNAMIC D-5 SEQUENTIAL CLIP

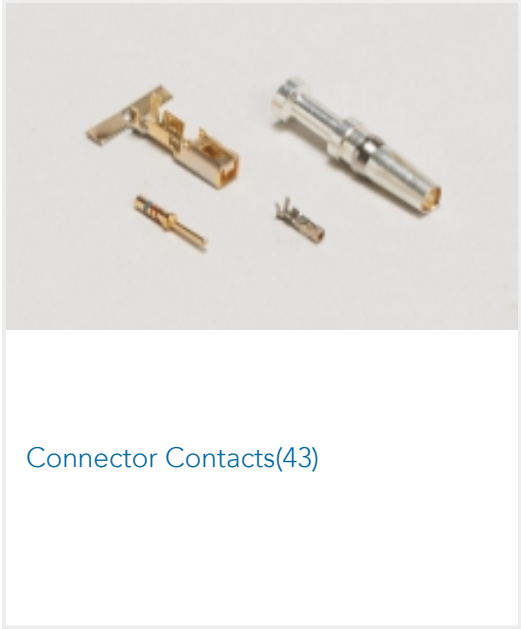


TE Part # 1366044-1
HHHT DYNAMIC D-5 L 8 ASSY

Also in the Series | Dynamic 5000 Series



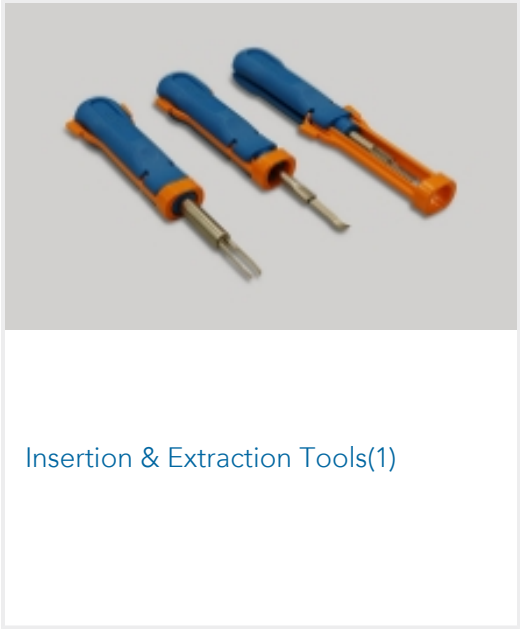
Connector Caps & Covers(2)



Connector Contacts(43)



Connector Hardware(3)



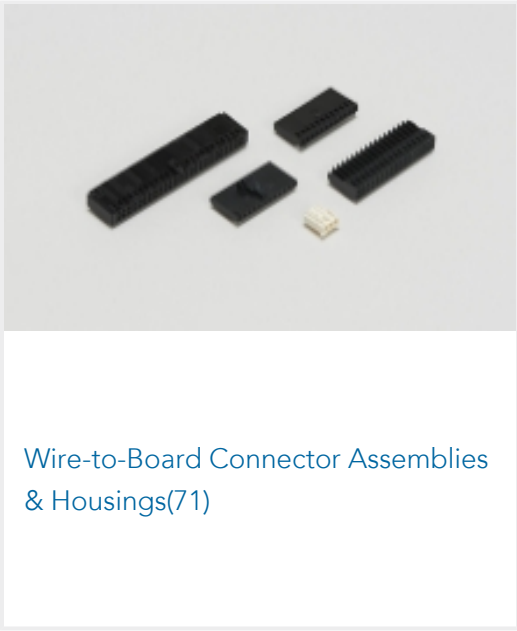
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(59)



PCB Terminal Blocks(6)



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

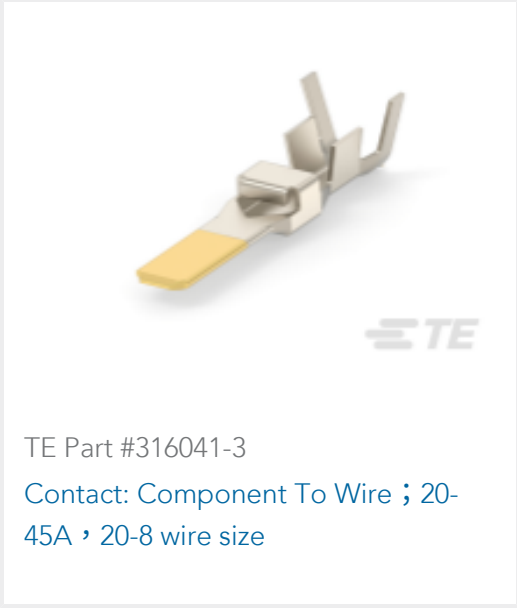
Customers Also Bought



TE Part #2-178802-3
DYNAMICD3100 TAB HSG 3P PM Y-KE



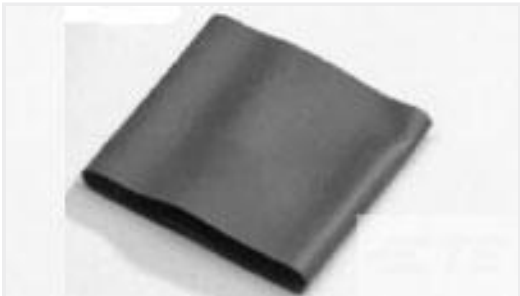
TE Part #1-353046-3
DYNAMIC D-5200S TAB HSG 3P K/X



TE Part #316041-3
Contact: Component To Wire ; 20-45A , 20-8 wire size



TE Part #9-2141158-2
CU ALLOY,SHIELD,8MM HV,CONN HSG,90 DEG



TE Part #281255J001
V2-11.0-0-FSP-SM



TE Part #2-178128-2
DYNAMIC 3200 REC HSG 2P SGL Y



TE Part #1-353082-3
DYNAMIC D-5200 HDR V ASSY 3P



TE Part #1-2177063-2
3POS,8MM HV,PLUG HSG,ASSY, SEALED

Documents

Product Drawings

DYNAMIC D-5 TAB CONTACT_L-SIZE

Japanese

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1747443-6_O.3d_igs.zip

English

Customer View Model

ENG_CVM_1747443-6_O.3d_stp.zip

English

Customer View Model

ENG_CVM_1747443-6_O.2d_dxf.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

Agency Approvals

TUV Certificate

English

TUV Certificate

English