# 1318696-6 ✔ ACTIVE

Dynamic Series | Dynamic 5000 Series

TE Internal #: 1318696-6

Silver (Ag), Receptacle Contact, 8 AWG, 630 VAC, 7.95 – 8.92 mm² Wire, Crimp, Copper Alloy, Power, -55 – 105 °C [-67 – 221 °F], 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 (Ag)**

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 |

### Contact Features

| | |
|---|---|
| Barrel Type | Open |
| Contact Length | 23.4 mm[.921 in] |
| Contact Type | Receptacle |
| Contact Mating Area Plating Material | Silver (Ag) |
| Contact Base Material | Copper Alloy |
| Contact Current Rating (Max) | 45 A |
| 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 Orientation | Straight |
| Contact Underplating Material | Nickel |

## Termination Features

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

## Mechanical Attachment

| | |
|---|---|
| Wire Insulation Support | With |

## Dimensions

| | |
|---|---|
| Wire Size | 7.95 – 8.92 mm² |
| Compatible Insulation Diameter Range | 4.9 – 7.8 mm[.193 – .307 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |

## Operation/Application

| | |
|---|---|
| Circuit Application | Power |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 2400 |
| Packaging Method | Reel & Box |

# 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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



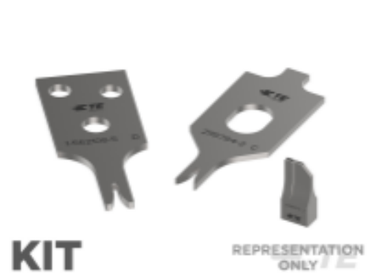
TE Part # 2266274-2
OCEAN-2.0-APPLICATOR-S-180F290F-RSA



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



TE Part # 409158-1
EXTRACTION TOOL




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



TE Part # CAT-D9934-A83A
Receptacle and Tab Housing: 5.08 or 10.16 mm pitch, 250-600V



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

## Also in the Series | Dynamic 5000 Series



Connector Contacts(43)



Connector Hardware(3)



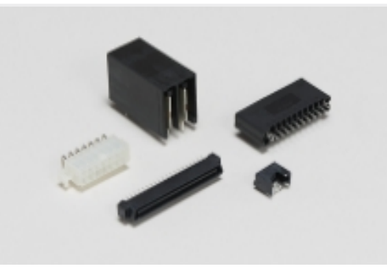
Power Contacts(43)



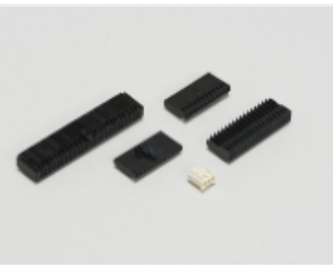
Rectangular Connector Housings(61)



Rectangular Power Connectors(109)

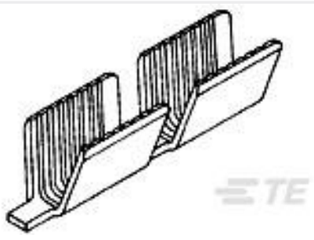


Standard Rectangular Connectors(74)



Wire-to-Board Connector Assemblies & Housings(31)

## Customers Also Bought



TE Part #62001-1
SPLICE AMVAR 3000-7000 020BR



TE Part #63659-1
MAG-MATE POST 27-23 016TPCUBR



TE Part #179955-2
DYNAMIC D-5 REC CONT. S FORM.



TE Part #CAT-T4827-CH8172
Timer Connector Housing



TE Part #444312-1
HSG 12 POSN, FUSE CONTACT



TE Part #626095-1
FASTIN-ON .250 REC 1.0-2.5 MM2 BR



TE Part #1571999-6
ADP0404=PIANO DIP SWITCH

TE Part #353199-7
F07A PCF PLUG CA ASSY L=15000

TE Part #353199-8
F07A PCF PLUG CA ASSY L=20000

## 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.)

Japanese

### Instruction Sheet (non U.S.)

English

### Extraction Tool for AMP Dynamic D-5000 Series

English

## Agency Approvals

### TUV Certificate

English

### TUV Certificate

English

### TUV Certificate

English