

**641685-1**

✓ ACTIVE

**AMP**

TE Internal #: 641685-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 4

Position, 13.97 mm [.55 in] Centerline, Wire &amp; Cable, UL 94V-0

[View on TE.com >](#)

Connectors &gt; Power Connectors &gt; Rectangular Power &gt; Rectangular Power Connectors

Rectangular Power Connector Type: **Housing**Connector & Housing Type: **Plug**Connector System: **Wire-to-Wire**Number of Positions: **4**Centerline (Pitch): **13.97 mm [.55 in]**

## Features

### Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	4
Number of Power Positions	4
Number of Signal Positions	0
Number of Rows	2

### Electrical Characteristics

Operating Voltage	600 VDC
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### Contact Features

Contact Current Rating (Max)	35 A
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Contact Retention Within Housing

With

Contact Type

Hermaphroditic

**Termination Features**

Termination Method to Wire &amp; Cable

Crimp

**Mechanical Attachment**

Connector Mounting Type

Panel Mount

**Housing Features**

Centerline (Pitch)

13.97 mm [.55 in]

Housing Color

Black

Housing Material

Nylon GF

**Dimensions**

Connector Height

26.42 mm

Product Width

33.15 mm

Product Length

40.64 mm

**Usage Conditions**

Operating Temperature Range

-55 – 85 °C [-67 – 185 °F]

**Operation/Application**

Circuit Application

Power

**Industry Standards**

Compatible With Approved Standards Products

UL E28476

UL Flammability Rating

UL 94V-0

Glow Wire Rating

Standard Part - Not Glow Wire

**Packaging Features**

Packaging Quantity

1

Packaging Method

Box

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://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

## Halogen Content

Current ECHA Candidate List: JUNE 2023

(235)

Candidate List Declared Against: JUNE  
2023 (235)

Does not contain REACH SVHC

BFR/CFR/PVC Free, but Br/Cl >900 ppm in  
other sources.

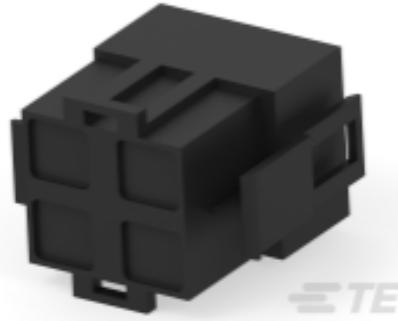
## Solder Process Capability

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 # 643267-1  
HI-CURRENT CONNECTOR

## Customers Also Bought



TE Part #2013285-2  
DYNAMIC D-5 DYNATAP 20P ASSY P  
/M BOTTOM



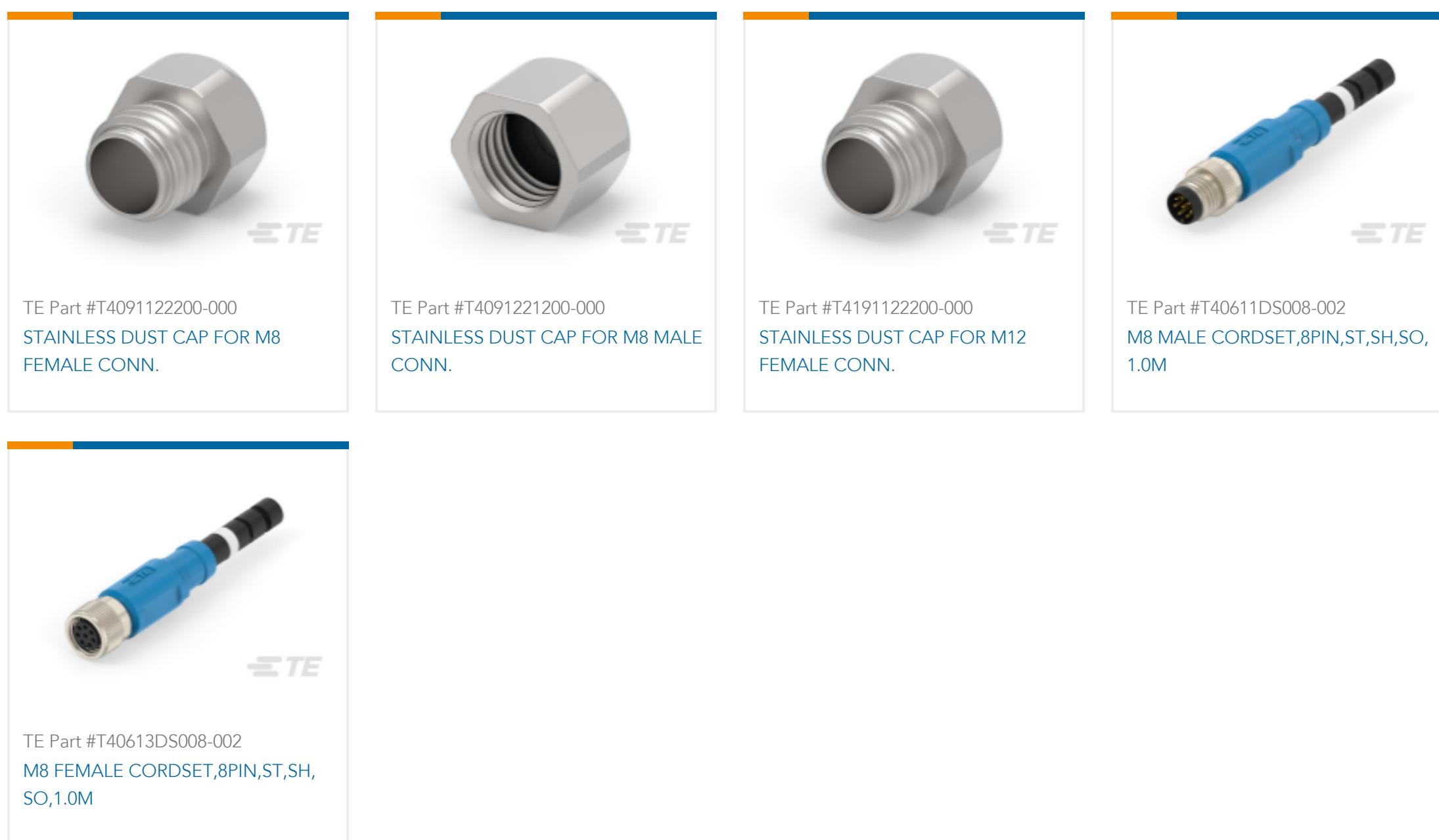
TE Part #2013285-3  
DYNAMIC D-5 DYNATAP 20P ASSY  
DIN TYPE



TE Part #2327989-1  
M12 X-CODE CAT6A



TE Part #1903146-2  
DYNAMIC D-5 DYNATAP 12P ASSY P  
/M BOTTOM



## Documents

### Product Drawings

#### PLUG,HIGH CURRENT,4 CIRCUIT

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_641685-1\\_Y.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_641685-1\\_Y.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_641685-1\\_Y.3d\\_stp.zip](#)

English

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_641685-1\\_H.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_641685-1\\_H.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_641685-1\\_H.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[1654742\\_HOUSEHOLD\\_APPLIANCES\\_RAST5](#)

English

### Product Specifications

[Product Specification](#)

English

### Agency Approvals

[UL Report](#)

English