

1-2314101-1  ACTIVE

### M12 Rail PG Clamp

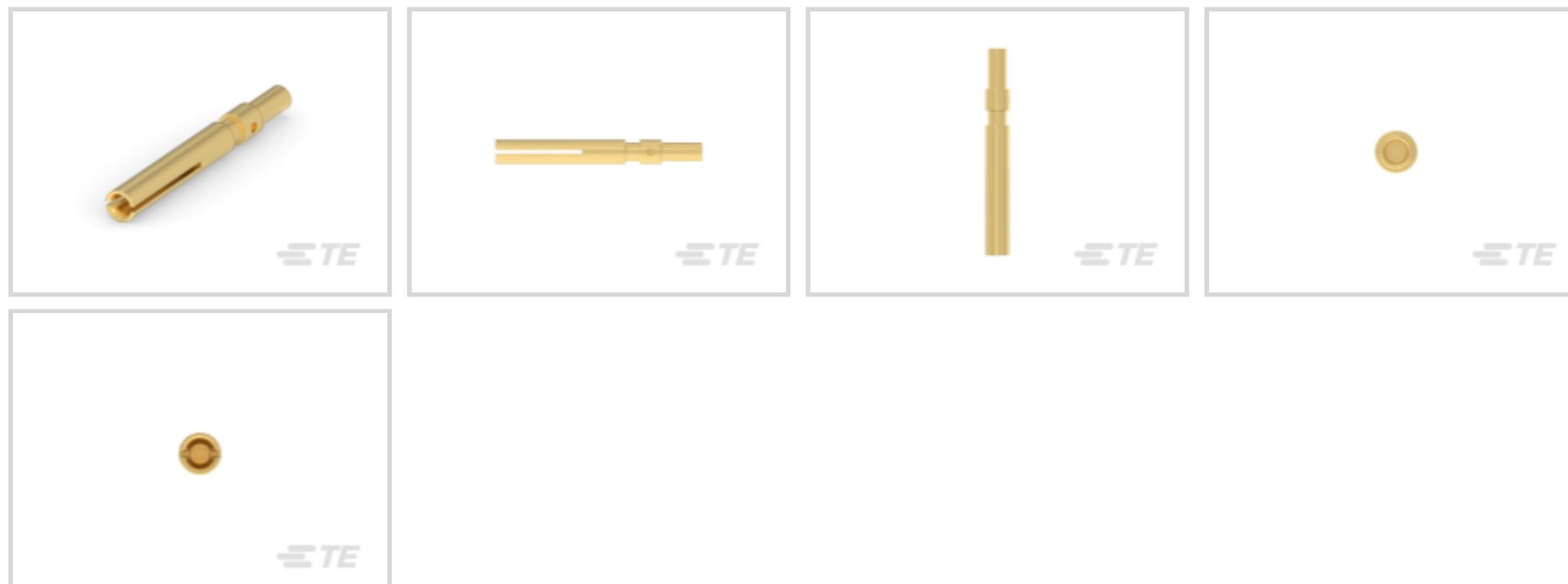
TE Internal #: 1-2314101-1

Standard Circular Connectors, 0 Position, Wire & Cable, Unplated, A Polarization Code, 4 Power Positions, 0 Signal Positions, M12 Rail PG Clamp

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors > M12 Crimp Contact for A8 Code



Number of Positions: 0

Connector & Contact Terminates To: **Wire & Cable**

Shell Plating Material: **Unplated**

Polarization Code: **A**

Number of Power Positions: 4

[All M12 Crimp Contact for A8 Code \(4\)](#)

## Features

### Product Type Features

Product Type	Connector Assembly
Accessory Color	Black
Assembly Requirement	Factory Assembled
Assembly Type	Electrical Connector
Connector Product Type	Connector Assembly
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Receptacle

### Configuration Features

Number of Positions	0
Number of Power Positions	4
Number of Signal Positions	0

### Electrical Characteristics

Operating Voltage	30 VDC
-------------------	--------

#### Signal Characteristics

Data Rate	1 Gb/s
-----------	--------

#### Body Features

Shell Plating Material	Unplated
------------------------	----------

#### Contact Features

Circular Connector Contact Type	Socket
---------------------------------	--------

#### Mechanical Attachment

Polarization Code	A
-------------------	---

#### Usage Conditions

IP Water Sealing Level	IP67
------------------------	------

IP Dust Sealing Level	6
-----------------------	---

Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]
-----------------------------	---------------------------

#### Operation/Application

Durability Rating	250 Cycles
-------------------	------------

#### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

#### Packaging Features

Packaging Quantity	1
--------------------	---

#### Other

Field Serviceable	Yes
-------------------	-----

#### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
------------------------------	---------------------------

EU ELV Directive 2000/53/EC	Compliant with Exemptions
-----------------------------	---------------------------

China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
---	--------------------------------------

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240)
--	---

Candidate List Declared Against: JAN 2024 (240)

SVHC > Threshold:

Pb (3.5% in Component Part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

#### Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

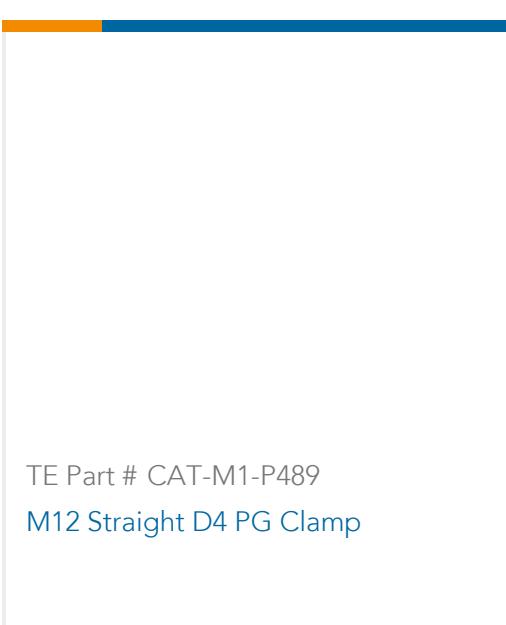
#### Solder Process Capability

Not reviewed 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



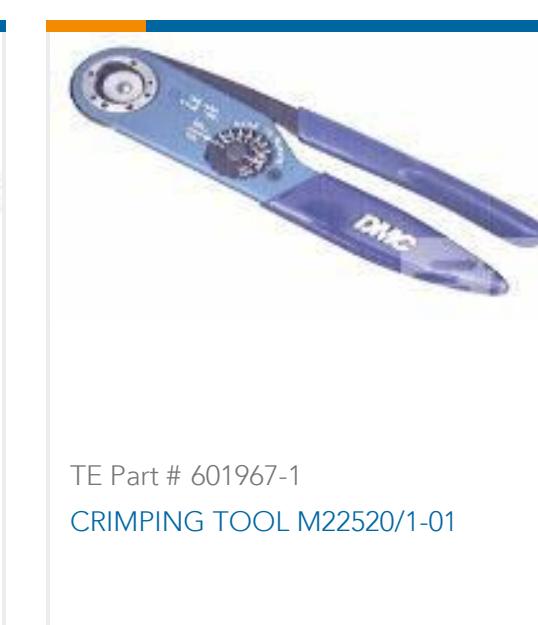
TE Part # CAT-M1-P489  
M12 Straight D4 PG Clamp



TE Part # 1-2823582-9  
POSITIONER M12 RAIL A8 SOCK COMPACT

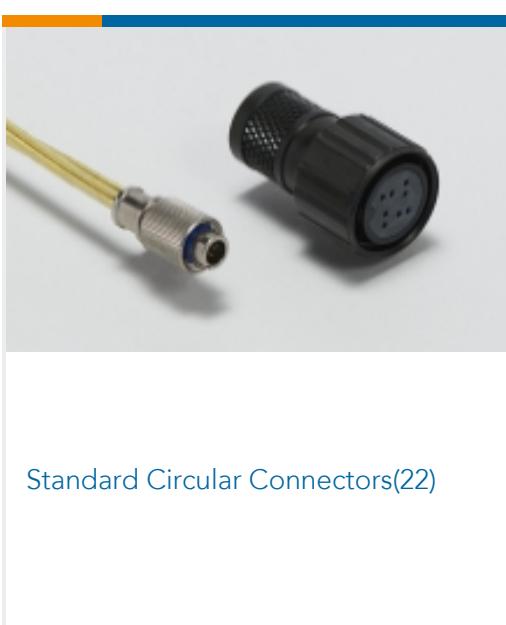


TE Part # 601966-1  
CRIMPING TOOL M22520/2-01



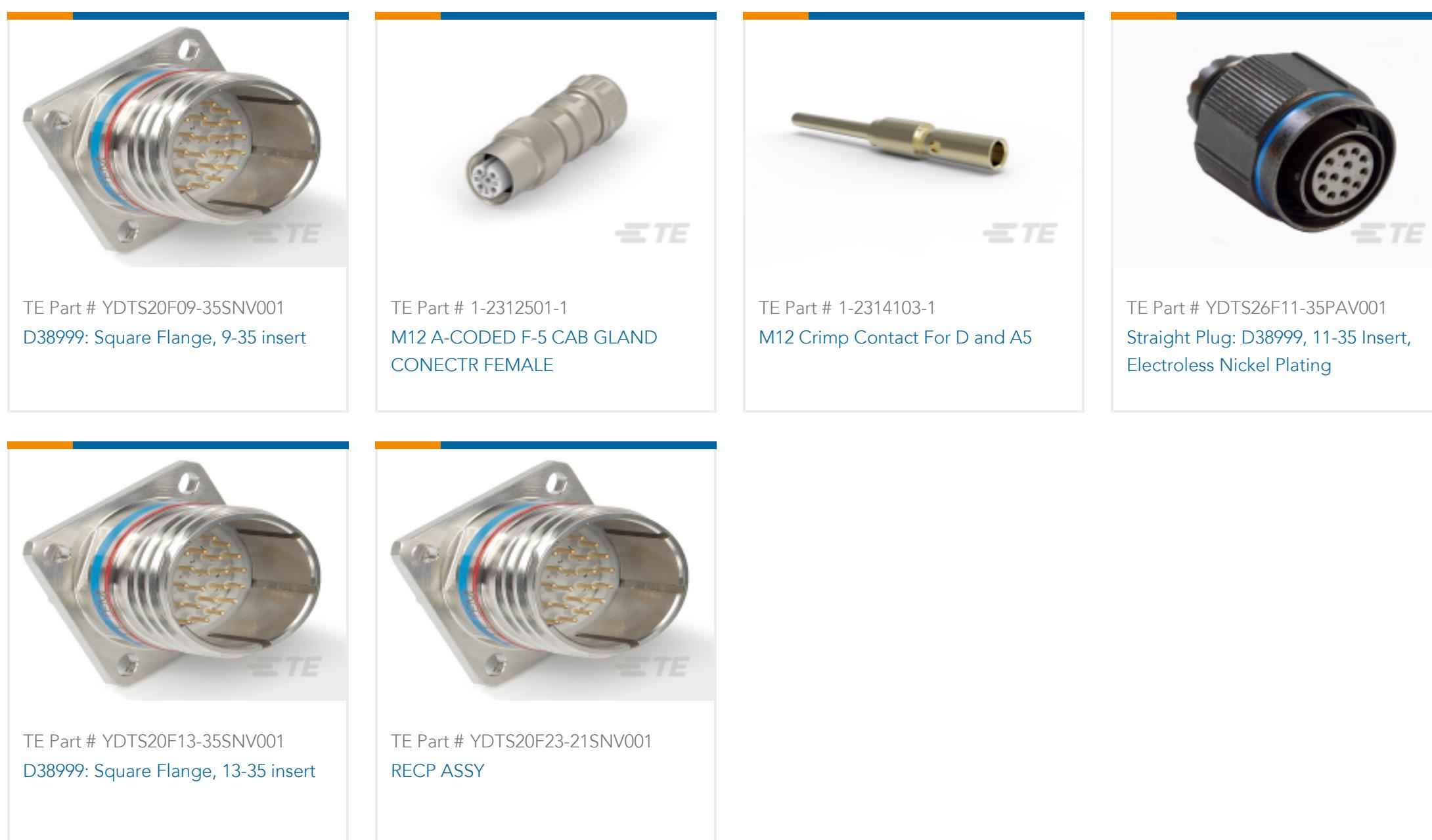
TE Part # 601967-1  
CRIMPING TOOL M22520/1-01

## Also in the Series | M12 Rail PG Clamp



Standard Circular Connectors(22)

## Customers Also Bought



## Documents

### Product Drawings

#### M12 CRIMP CONTACT SOCKET 0.8MM AWG22/24

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2314101-1\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2314101-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2314101-1\\_A.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

#### Rail D-Sub Backshells Flyer

English