

1-2314102-1  ACTIVE

M12 Rail PG Clamp

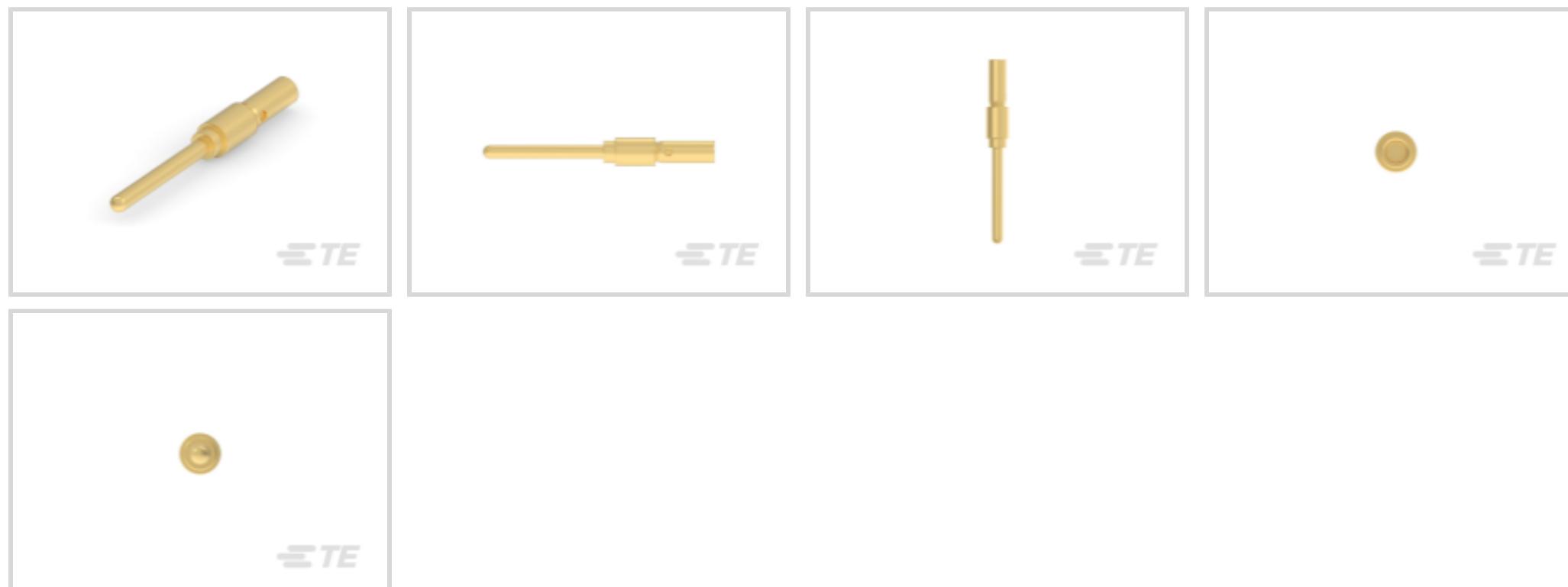
TE Internal #: 1-2314102-1

Standard Circular Connectors, Cable-to-Cable, Sealable, Wire & Cable, Signal, Cable Mount (Free-Hanging), Nickel, Brass, M12 Rail PG Clamp

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors > M12 Crimp Contact For D and A5



Connector System: **Cable-to-Cable**

Sealable: **Yes**

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

Contact Current Rating (Max): **4 A**

Circuit Application: **Signal**

[All M12 Crimp Contact For D and A5 \(4\)](#)

Features

Product Type Features

Product Type	Connector Kit
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	50 VDC
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Body Features

Shell Plating Material	Nickel
Shell Base Material	Brass

Contact Features

Contact Current Rating (Max)	4 A
Circular Connector Contact Type	Pin

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Polarization Code	A
Mating Alignment Type	Keyed
Mating Retention	With

Dimensions

Wire Size	18 – 22 AWG
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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
Circuit Application	Signal
Shielded	Yes

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1
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Other

Field Serviceable	Yes
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

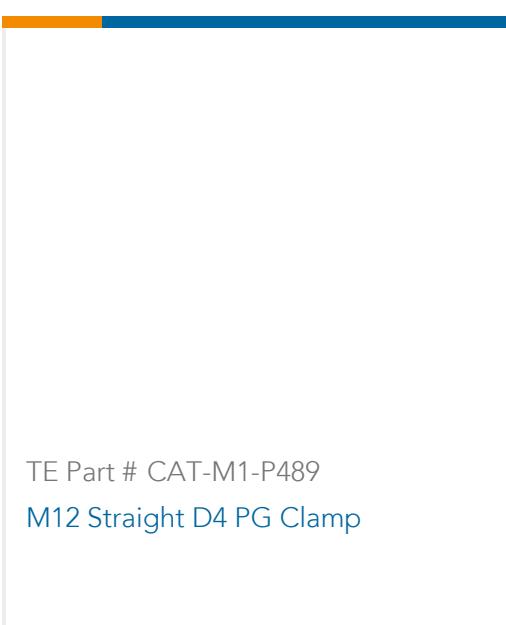
Solder Process Capability

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 # 1-2823581-1
POSITIONER M12 RAIL D4, A5 COMPACT

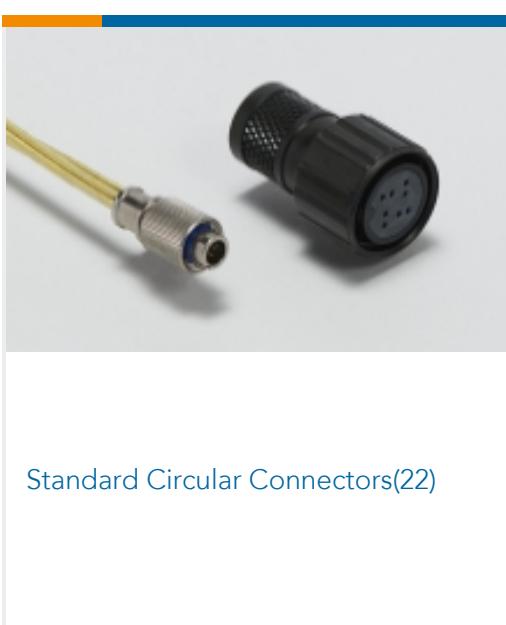


TE Part # 601966-1
CRIMPING TOOL M22520/2-01



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

Also in the Series | M12 Rail PG Clamp



Standard Circular Connectors(22)

Customers Also Bought



TE Part #1658670-4
PIN CONTACT, 22 DF, LP, 22-28 AWG



TE Part #6-1415537-5
SR6A6K24



TE Part #1-2314102-2
M12 CRIMP CONTACT PIN 1MM AU. 8 AWG22/24



TE Part #1-2823448-3
M12 A-F-8 CRI ST CAT 5 MEGALI 5.3 MM, LEON



TE Part #205561-2
RECEPT ASSY, 37 POSN, AMPLIMITE



TE Part #1757819-6
AMPLIMITE, ASY, PLUG, STD, 109, ZN, 1, CT



TE Part #643234-1
06P UMNL HDR ASSY R/A 94VO



TE Part #1757820-9
AMPLIMITE, ASY, RCPT, STD, 109, ZN, 4, CT



TE Part #643236-1
08P UMNL HDR ASSY R/A 94VO



TE Part #1775862-2
mSATA/mini PCI-E 5.2H Type I G/F

Documents

Product Drawings

[M12 CRIMP CONTACT PIN 1 MM AU 0.8 AWG20](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_1-2314102-1_A.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1-2314102-1_A.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1-2314102-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Rail D-Sub Backshells Flyer](#)

English

[Product Specifications](#)

[Application Specification](#)

English