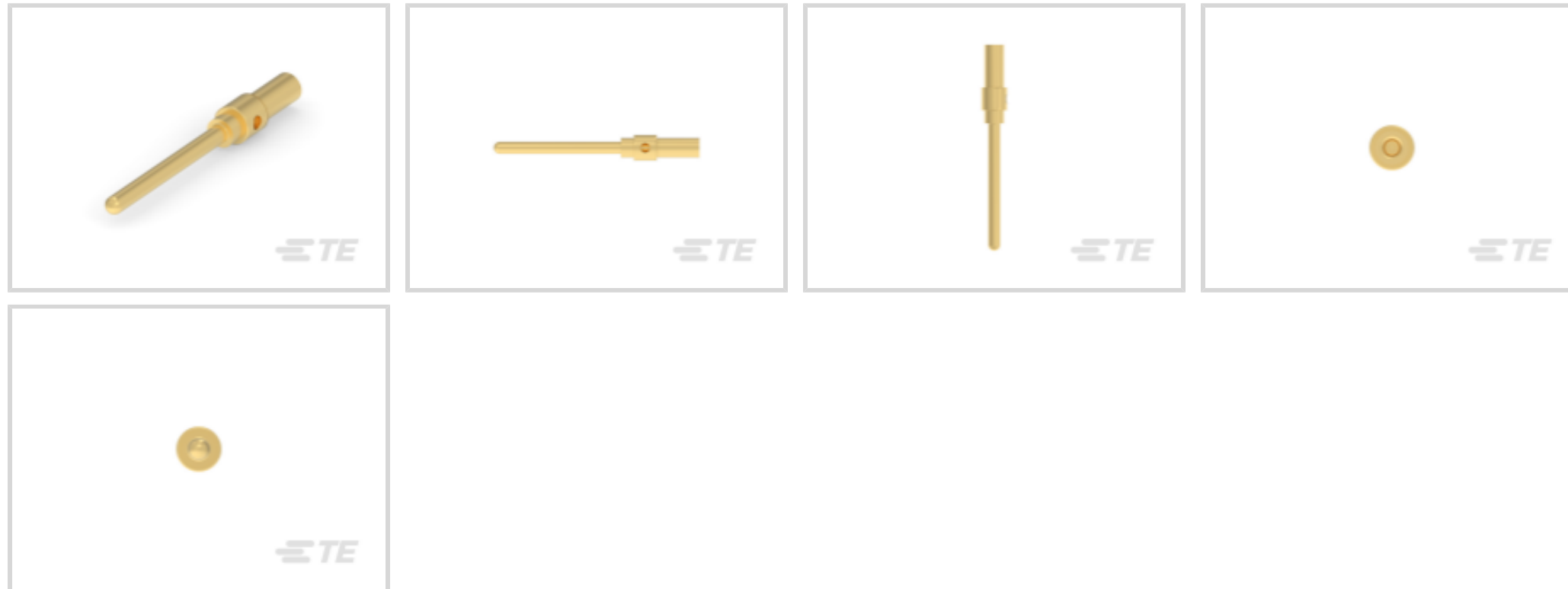# 1-2314097-2 ✔ ACTIVE

M12 Rail PG Clamp

TE Internal #: 1-2314097-2

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 A8 CODE

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

Sealable: **Yes**

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

Contact Current Rating (Max): **2 A**

Circuit Application: **Signal**

All M12 CRIMP CONTACT FOR A8 CODE (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	30 VDC

Signal Characteristics

Data Rate	1 Gb/s

Body Features

Shell Plating Material	Nickel
Shell Base Material	Brass

Contact Features

1-2314097-2

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

Contact Current Rating (Max)	2 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	22 – 28 AWG

Usage Conditions

IP Water Sealing Level	7
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

Packaging Features

Packaging Quantity	1

Other

Field Serviceable	Yes

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224)

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

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 # 1-2823582-8

POSITIONER M12 RAIL A8 PIN COMPACT

TE Part # 1-2312547-1

M12 A-CODED M-8 CABLE GLAND CONECTR MALE

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)

Documents

Product Drawings

M12 CRIMP CONTACT PIN 0.8MM AWG26

1-2314097-2

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2314097-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2314097-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2314097-2_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