

6-2271137-2 ACTIVE

TE Internal #: 6-2271137-2

Standard Circular Connectors, Wire-to-Wire, 12 Position, Sealable, Wire & Cable, Signal, Panel Mount, Reverse Gender, Nickel, Zinc Alloy

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Wire**

Number of Positions: **12**

Sealable: **Yes**

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

Contact Current Rating (Max): **1.5 A**

Features

Product Type Features

Product Type	Connector Assembly
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Receptacle
Shell Type	Metal

Configuration Features

Number of Positions	12
Number of Power Positions	0
Number of Signal Positions	12
Contacts Preloaded	Yes

Body Features

Shell Plating Material	Nickel
Shell Base Material	Zinc Alloy

Circular Connector Insulation Material Type

Polyamide 66 GF25

Contact Features

Contact Current Rating (Max)

1.5 A

Reverse Gender

Yes

Contact Layout Arrangement

Circular

Circular Connector Contact Type

Socket

Mechanical Attachment

Connector Mounting Type

Panel Mount

Polarization Code

A

Mating Alignment Type

Keyed

Mating Retention

With

Housing Features

Circular Connector Shell Size

12

Dimensions

Wire Size

.14 mm²**Usage Conditions**

IP Dust Sealing Level

6

Operating Temperature Range

-40 – 80 °C [-40 – 176 °F]

Operation/Application

Circuit Application

Signal

Shielded

No

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

EU RoHS Directive 2011/65/EU

Compliant with Exemptions

EU ELV Directive 2000/53/EC

Compliant

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 (4% 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

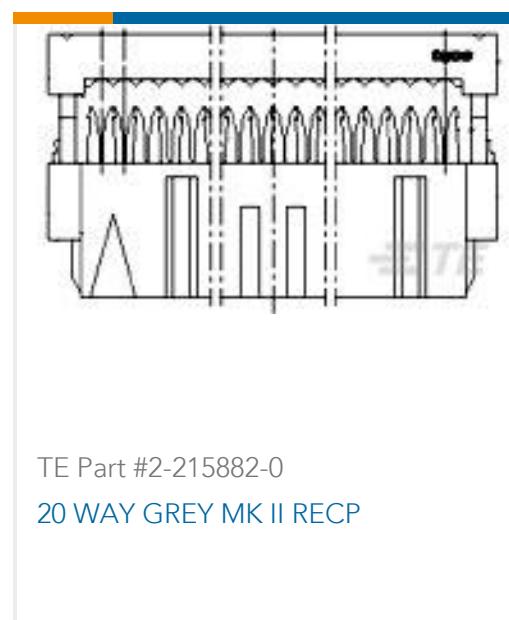


TE Part # 6-2271110-2
M12, MALE, A CODE, 12P, PG9 (AU)

Customers Also Bought



TE Part #1658655-1
KIT,HDP-20,ENCLSUR,PLUG,SIZE 1



TE Part #2-215882-0
20 WAY GREY MK II RECP



TE Part #2562-201-2031L
CONT SOC ASSY



TE Part #3-747579-0
SHLDNG FERRULE, PLTD, BULK PKG



TE Part #172336-1
2P MINI UMNL PLUG HOUSING



TE Part #803651-000
55PC0111-22-9



TE Part #1447360-8
SHIELD FINGER 1312 A TYPE



TE Part #104257-8
09 MTE RCPT HSG SR LATCH .100



Documents

Product Drawings

[M12,FMALE PNL,A CODE,SOLDER REAR,12P\(AU\)](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_6-2271137-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-2271137-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-2271137-2_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[M8 / M12 Connector System Catalog](#)

English

[M8 / M12 Connector System Catalog](#)

Japanese

Product Specifications

[Product Specification](#)

English