



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 37

Connector Product Type: **Housing**

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

Sealable: **Yes**

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

Features

Product Type Features

Connector Seal & Plug Type	Tetraseal
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug
Circular Connector Shell Type	Metal-Shell

Configuration Features

Reverse Numbering	Without
Number of Positions	37
Number of Power Positions	0
Number of Signal Positions	37

Contact Features

Reverse Gender	Yes
Contact Type	Pin
Contact Protection	With

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling



Mating Alignment	With
Thread Size	1-7/16-18 UNEF-2A
Mating Retention	With

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	28

Dimensions

Compatible Insulation Diameter Range	2.54 mm[.1 in]
--------------------------------------	----------------

Usage Conditions

Fluid Resistance	Immersion
------------------	-----------

Industry Standards

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

Packaging Features

Packaging Quantity	10
Packaging Method	Box

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUN 2015 (163) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series

AMP Circular Plastic Connectors

Circular Connector Backshells & Clamps(1)

Circular Power Connectors(423)

Connector Contacts(6)

Connector Hardware(10)

Power Contacts(6)

Sealing Sleeves(2)

Customers Also Bought

TE Part #E00553N001  
502K033/S(S15)

TE Part #C51949-000  
HX-SCE-1K-25.4-50-S1-4

TE Part #170225-1  
RING TERMINAL

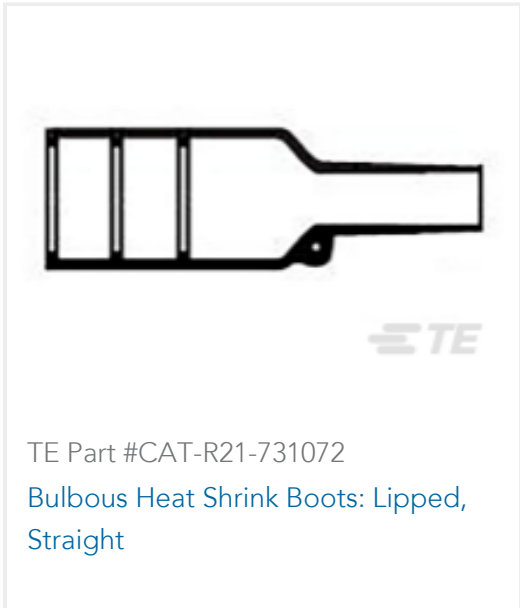
TE Part #4-1879627-2  
H4P 510R 1% 100PPM



TE Part #CAT-T3437-H647  
HLX Low Fire Hazard Markers



TE Part #CAT-T3437-T548  
TMS-SCE Military Grade Sleeves



TE Part #CAT-R21-731072  
Bulbous Heat Shrink Boots: Lipped,  
Straight

Documents

Product Drawings

CMC PLUG ASSEMBLY,SZ 28

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_208472-3\_V.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_208472-3\_V.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_208472-3\_V.3d\_stp.zip

English

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

Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications Continued

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

CSA Certificate

English

CSA Certificate

English