796404-1 SUPERSEDED

AMP | AMP Circular Plastic Connectors

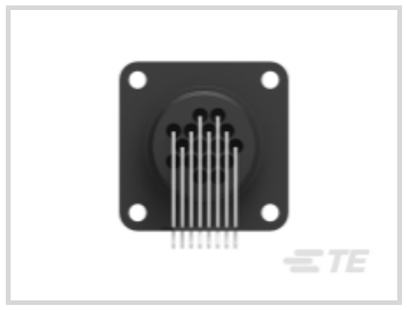
TE Internal #: 796404-1

TE Internal Description: CPC POSTED RCPT,17-16,R/A

View on TE.com >

Connectors > Power Connectors > Circular Power > Circular Power Connectors




Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

Connector System: **Wire-to-Board, Wire-to-Panel**

Number of Positions: **16**

Sealable: **Yes**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	Yes
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Number of Positions	16
Number of Power Positions	0
Number of Signal Positions	16

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Reverse Gender	No
Contact Type	Pin

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling
Mating Alignment	With
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With

Housing Features

Housing Color	Black
Housing Material	PA 6.6
Circular Connector Shell Size	17

Dimensions

Assembly Length	61.72 mm[2.43 in]

Usage Conditions

Fluid Resistance	None

Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	14
Packaging Method	Tray

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not 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 2025 (250) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (13% 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 265°C

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

Also in the Series | AMP Circular Plastic Connectors



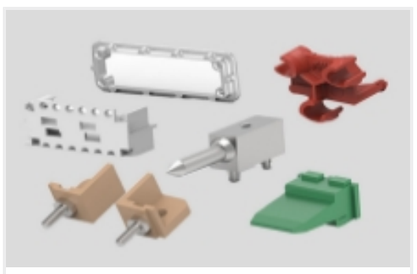
Circular Connector Backshells & Clamps(1)



Circular Power Connectors(423)



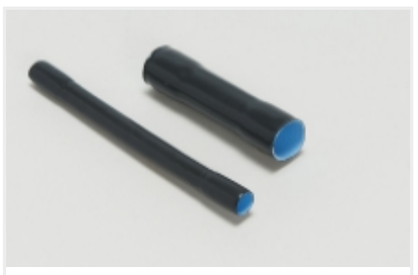
Connector Contacts(6)



Connector Hardware(10)

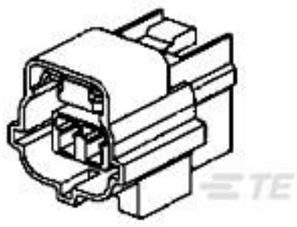


Power Contacts(6)

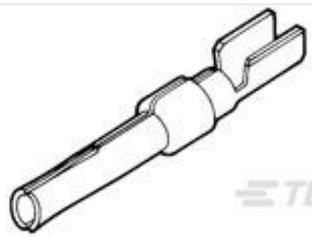


Sealing Sleeves(2)

Customers Also Bought



TE Part #1-174357-2
070 EJ-2(+) PLUG ASSY 3P SIR



TE Part #205311-3
20 DF SOCKET PLTD



TE Part #643405-1
05P UMNL PIN HDR ASSY POL NATL



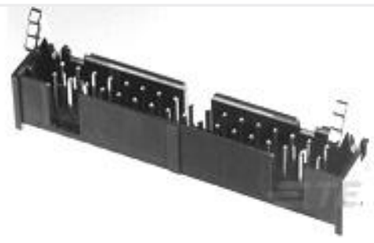
TE Part #1-796406-2
CPC PSTD RCPT,23-37,R/A LF, inserts



TE Part #1488991-4
3POS, MCON 1.2 CB REC 2p TL SEALED



TE Part #1676352-3
RN 0805 499R 0.1% 10PPM 5KRL



TE Part #1-1761608-3
IDC LOW PRO HDR 40P VERT SHT L



TE Part #5535089-5
ASSEMBLY,RECEPTACLE,EUROCARD, T



TE Part #5745073-1
HD-20 PLUG 25P VERT FFSCRLK



TE Part #5745396-2
HD-20 RCPT 15P RA 318 FFSCRLK

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_796404-1_D.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_796404-1_D.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_796404-1_D.3d_stp.zip

English

3D PDF

English

Customer View Model
ENG_CVM_796404-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_796404-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_796404-1_B.3d_stp.zip

English

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Product Specifications

Application Specification

English