207890-1 SUPERSEDED

AMP | AMP Circular Plastic Connectors

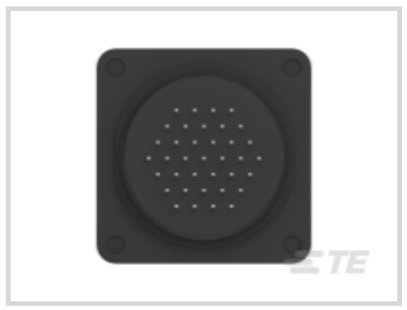
TE Internal #: 207890-1

TE Internal Description: CPC RECPT REV SEX 23-37

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: **37**

Sealable: **No**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	No
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Number of Positions	37
Number of Power Positions	0
Number of Signal Positions	37

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Reverse Gender	Yes
Contact Type	Socket

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
Polarization Code	A
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	23

Dimensions

Assembly Length	30.71 mm[1.209 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	12
Packaging Method	Tray

Product Compliance

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

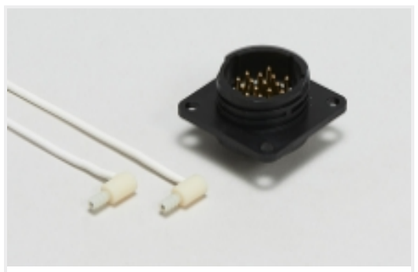
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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 Power Connectors(423)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)

Customers Also Bought



TE Part #5-146257-7
14 MODII HDR DRST B/A .100CL L



TE Part #1-207216-7
CPC RECEPT ASSEMBLY SIZE 17-28



TE Part #2-208224-2
CPC RECPT ASSEMBLY SIZE 23-37



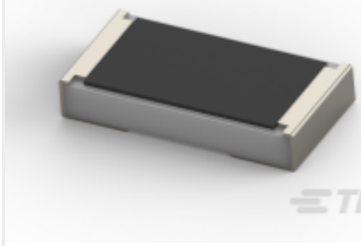
TE Part #643464-6
07P MTA156 HDR ASSY W/O#2,4,&6



TE Part #796329-4
23-57 CPC PSTD SKT RECPT LF



TE Part #8-1625868-5
RP 2A 0.25W 40R2 0.1% 25PPM 1K RL



TE Part #CAT-C339-A76B
SMD Power Resistor: 3 Watt, 1% Tol



TE Part #1-2176349-7
CRGCQ 2512 220R 1%



TE Part #206455-2
23-63 SIZE CPC POSTD PIN RECPT

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_207890-1_S.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_207890-1_S.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_207890-1_S.3d_stp.zip

English

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Product Specifications

Application Specification

English