1-796375-1 ✔ ACTIVE

AMP | AMP Circular Plastic Connectors, Circular Plastic Connectors Series 1

TE Internal #: 1-796375-1

9 Position Circular Power Connector, Connector Assembly, 250 VDC, Wire-to-Board / Wire-to-Panel, AMP Circular Plastic Connectors

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: **9**

Sealable: **No**

Features

Product Type Features

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

Configuration Features

Number of Positions	9
Number of Power Positions	0
Number of Signal Positions	9

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	Thermoplastic
Circular Connector Shell Size	13

Dimensions

Assembly Length	51.56 mm[2.03 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	None

Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	16
Packaging Method	Tray

Product Compliance

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

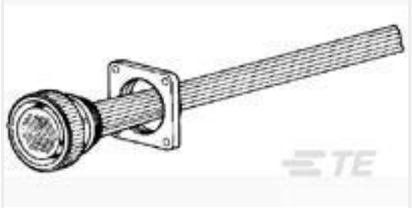
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)

	Candidate List Declared Against: JUNE 2025 (250) 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

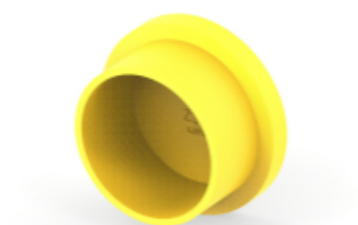
Product Compliance Disclaimer

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

Compatible Parts



TE Part # 207299-2
FLANGE PLUG MOUNT CPC



TE Part # 2-2407269-4
CAP, CPC, SIZE 13 RECP, YELLOW



TE Part # 207008-6
CABLE CLAMP KIT, BULK PKG



TE Part # 2-2407269-3
CAP, CPC, SIZE 13 RECP, RED



TE Part # 2-2407269-2
CAP, CPC, SIZE 13 RECP, BLACK



TE Part # 206708-1
CPC PLUG ASSEMBLY SIZE 13-9



TE Part # 206966-9
CABLE CLAMP KIT, BULK PKG

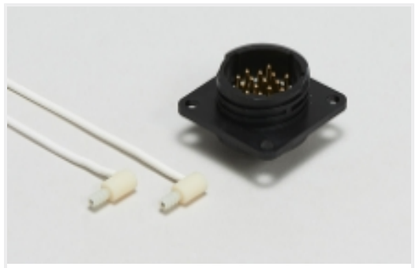


TE Part # 206966-7
CABLE SHELL CLAMP SIZE 13



TE Part # 1546348-2
R/A CABLE CLAMP KIT,SZ 13,CPC

Also in the Series | AMP Circular Plastic Connectors



Circular Power Connectors(211)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)

Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

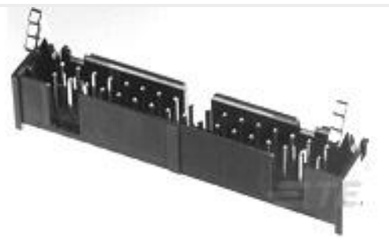
Customers Also Bought



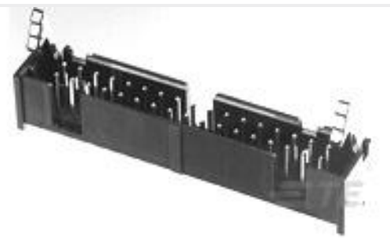
TE Part #292303-7
Std USB Type A, R/A, SMT, Offset, Natural



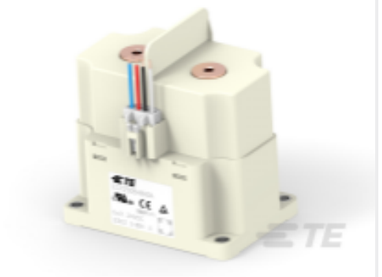
TE Part #1318124-2
DYNAMIC D2100 HDR V ASSY 6P Y



TE Part #1761606-7
IDC LOW PRO HDR 20P VERT LAT BLK



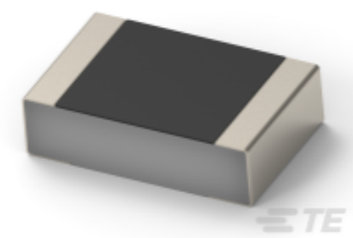
TE Part #1-1761606-5
IDC LOW PRO HDR 50P VERT LA



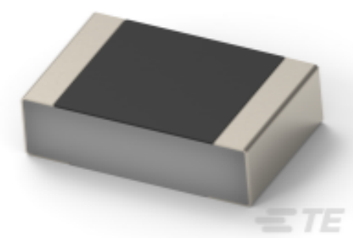
TE Part #1-2071568-2
ECP250BHBADA



TE Part #5-2176414-1
7W STD M/OX 5% 2K4



TE Part #8-2176451-2
CPF 0201 348R 0.1% 25ppm 1K RL



TE Part #9-2176451-8
CPF 0201 511R 0.1% 25ppm 1K RL

TE Part #Y78177-20-39PWV003
HERM RECP

TE Part #20033685-00
RTD,SM,SE,P1000,385,.080T,RR,40.0Y, PSA

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-796375-1_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-796375-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_1-796375-1_F.3d_stp.zip

English

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Product Specifications

Application Specification

English