1-2840573-2 ✔ ACTIVE

TE Internal #: 1-2840573-2

Automotive Terminals, Receptacle, Mating Tab Width 10 mm [.394 in], Tab Thickness 1.2 mm [.047 in], 7 - 5 AWG Wire Size, 10 - 16 mm² Wire Size

View on TE.com >

Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**

Mating Tab Width: **10 mm [.394 in]**

Mating Tab Thickness: **1.2 mm [.047 in]**

Terminal Transmits: **41 - 100 A (High Power)**

Wire Size: **7 - 5 AWG**

Features

Product Type Features

Receptacle Style	90°
Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Silver
Typical Current Rating	60 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	10 mm[.394 in]
Mating Tab Thickness	1.2 mm[.047 in]
Interface Plating	Silver (Ag)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	10 - 16 mm²
Wire Size Search	5 AWG, 6 AWG, 7 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C, 145 °C, 150 °C, 155 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F][311 °F]
Operating Temperature Range	-40 - 155 °C[-40 - 311 °F]

Operation/Application

Compatible With Wire Base Material	Copper

Industry Standards

Compatible With Agency/Standards Products	USCAR

Packaging Features

Packaging Quantity	100
Packaging Method	Tray

Other

Terminal Transmits	41 - 100 A (High Power)

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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 # CAT-AM705-CH8173
AMP MCP Unsealed Connector Housings



TE Part # 2305855-1
DIE SET PCON 12-180 SGL T 10-16MM2



TE Part # 2310213-2
2POS,PCON12,REC HSG ASSY,90DEG, SLD,COD B



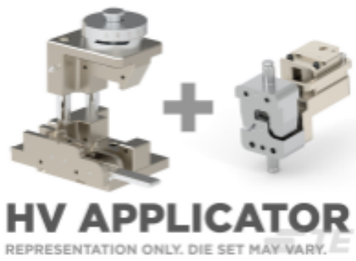
TE Part # 7-2305855-7
CRIMP TOOLING KIT



TE Part # 8-1579028-2
EXTRACTION TOOL



TE Part # 9-2305855-1
APPLIC PCON 12-90 T 10-16MM2



TE Part # 9-2335370-1
APPLIC PCON 12-90/180 T 10-16MM2

TE Part # 2335370-1
DIE SET PCON 12-180 DUAL T 10-16MM2

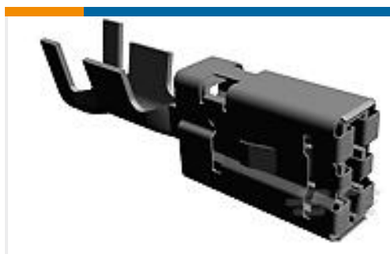
Customers Also Bought



TE Part # 7-968970-1
AMP MCP Unsealed Connector Housings



TE Part # 4-1418448-1
3POS AMP MCP1.5 REC. HSG COD D



TE Part # 1-967588-1
AMP MCP 9.5, CONTACT



TE Part # 2310213-1
2POS,PCON12,REC HSG ASSY,90DEG, SLD,COD A



TE Part # 2310213-2
2POS,PCON12,REC HSG ASSY,90DEG, SLD,COD B

TE Part # 1-2819195-3
2 W ABS CABLE ASSY MBB 3.000

TE Part # 2819196-4
3 W ABS CABLE ASSY MBB 2.000

TE Part # 3-2819195-2
2W ABS CABLE ASSY, 14.000 MM

Documents

Product Drawings

PCON12,TERMINAL,FAM SLD/UNSLD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2840573-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2840573-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2840573-2_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Product Specifications

Application Specification

English

Application Specification

English