



TE Internal #: 1-2333508-1
Housing for Female Terminals, Wire-to-Wire, 21 Position, 5 mm [.196 in] Centerline, Sealable, Black, Wire & Cable, Power, Cable Mount (Free-Hanging)
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Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Wire**
Number of Positions: **21**
Connector & Housing Type: **Housing for Female Terminals**
Centerline (Pitch): **5 mm [.196 in]**
Sealable: **Yes**

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	21
Number of Rows	3

Electrical Characteristics

Operating Voltage	28 VDC
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Body Features

Cable Exit Angle	90°
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Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	32 A

Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF20
Centerline (Pitch)	5 mm[.196 in]

Dimensions

Connector Height	43.7 mm[1.72 in]
Product Width	37.9 mm[1.49 in]
Product Length	71.5 mm[2.81 in]
Row-to-Row Spacing	5.5 mm[.216 in]
Wire Size	2.5 mm ²

Usage Conditions

Operating Temperature (Max)	120 °C[248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

Degree of Protection	IP68, IP6K9K
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Packaging Features

Packaging Quantity	270
Packaging Method	Container



Other

Serviceable	Yes
Connector Position Assurance Capable	No

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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 # 1-2112162-1
21POS,TAB 2.8X0.8,TAB HSG,SEALED ASSY



TE Part # CAT-AM706-T273
AMP MCP, SFC, RECEPTACLE

Customers Also Bought





TE Part #W4PA
Wedgelocks: DEUTSCH DT



TE Part #1-2112162-1
21POS,TAB 2.8X0.8,TAB HSG,SEALED ASSY



TE Part #1-968321-2
MQS ABDECKKAPPE 40P



TE Part #41711
RING TERMINAL 22-18 AWG TPBR



TE Part #DT04-12PB-P021
REC, 12P, BLK, BUSBAR 1X12, NICKEL, B



TE Part #1-968326-1
26POS MQS REC COD A



TE Part #1612290-1
0.64 RCPT SEALED TIN STRIP



TE Part #7-1904137-6
V23720A0102B001-EV-CBOX

Documents

Product Drawings

AMP MCP 2.8 SOCKET HSG 21 POS SEALED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2333508-1_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2333508-1_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2333508-1_A1.3d_stp.zip

English

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Product Specifications

Application Specification

German