

1718230-1 ✓ ACTIVE

AMP | Round Connector System

TE Internal #: 1718230-1

Housing for Male Terminals, Wire-to-Wire, 7 Position, .449 in [11.4 mm] Centerline, Sealable, Black, Signal, Panel Mount, Round Connector System

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Connectors > Automotive Connectors > Connector Housings



Connector & Housing Type: **Housing for Male Terminals**

Mating Tab Width: **1.5 mm [.059 in]**

Connector System: **Wire-to-Wire**

Number of Positions: **7**

Centerline (Pitch): **11.4 mm [.449 in]**

Features

Product Type Features

Connector & Housing Shape	Circular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	7
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Electrical Characteristics

Operating Voltage	48 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 48 V

Body Features

Cable Exit Angle	Other
Body Material	PBT GF



Primary Product Color	Black
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Connector Code	A
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Contact Features

Contact Size	1.5mm
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Contact Type	Tab
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Mating Tab Width	1.5 mm[.059 in]
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Contact Current Rating (Max)	30 A
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Mechanical Attachment

Mounting Feature	Without
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Terminal Position Assurance	No
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Strain Relief	Without
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Mating Alignment Type	Keyed
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Mating Alignment	With
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Connector Mounting Type	Panel Mount
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Housing Features

Centerline (Pitch)	11.4 mm[.449 in]
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Dimensions

Product Width	44 mm[1.732 in]
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Product Length	39.2 mm[1.546 in]
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Product Height	39.26 mm[1.546 in]
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Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
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Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP67, IP6K9K
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UL Flammability Rating	UL 94HB
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Packaging Features

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Packaging Quantity	450
Packaging Method	Loose Piece

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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 applicable for solder process capability

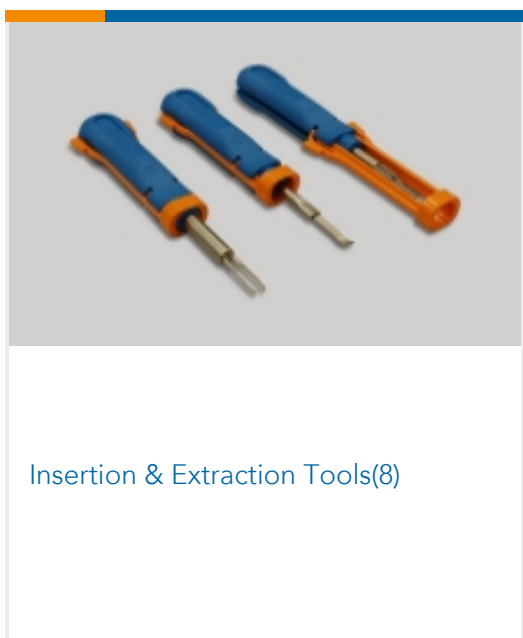
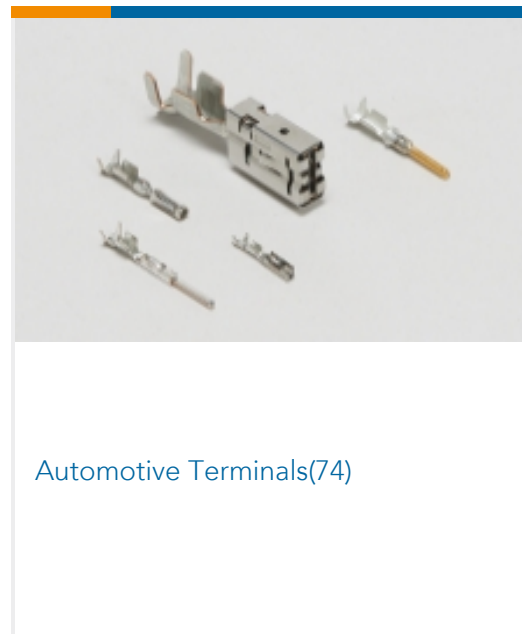
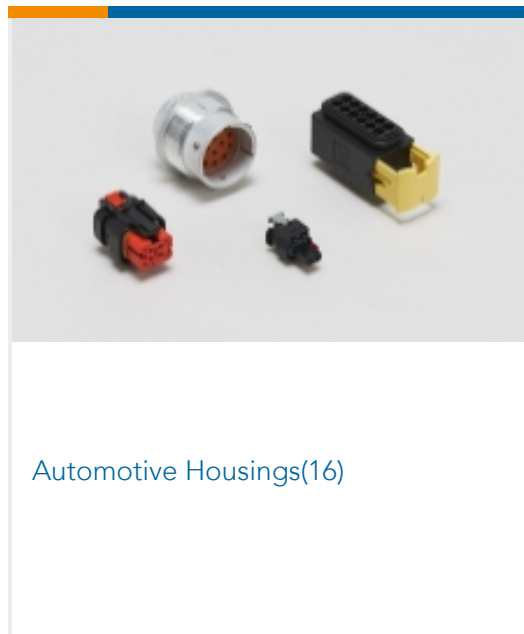
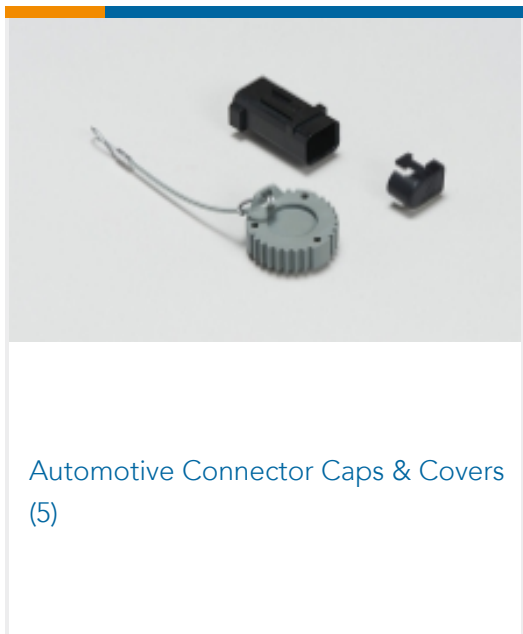
Product Compliance Disclaimer

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



Also in the Series | Round Connector System



Customers Also Bought

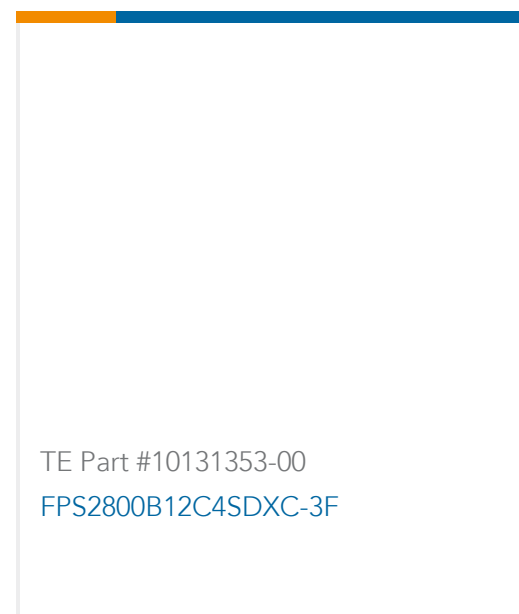




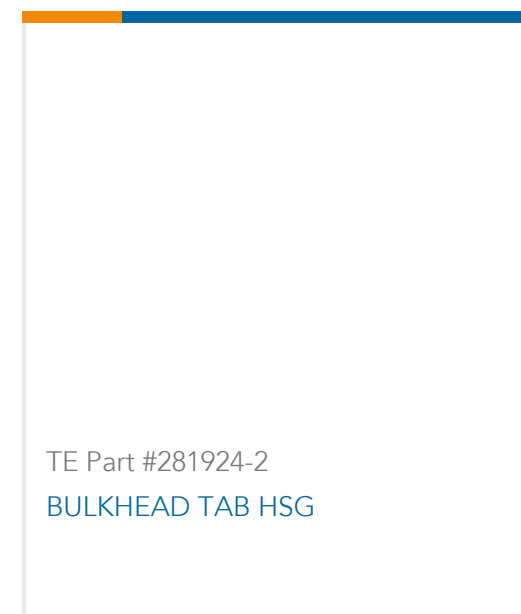
TE Part #828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



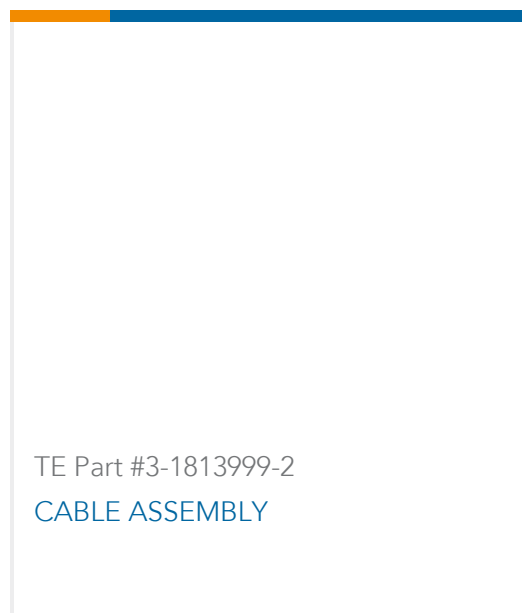
TE Part #1SNK167031R0000
MC812PA 3 (x100) Horizontal



TE Part #10131353-00
FPS2800B12C4SDXC-3F



TE Part #281924-2
BULKHEAD TAB HSG



TE Part #3-1813999-2
CABLE ASSEMBLY

Documents

Product Drawings

1,5MM PIN HSG 5-7 POS ASSY

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1718230-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1718230-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1718230-1_A.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

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