

TXR18AB90-1806AI

✓ ACTIVE

Raychem | Raychem TXR
TE Internal #: 036705-000

Raychem TXR, Ruggedized Backshells & Adapters, Connector
General Specification Number AS50151 Class A,E,F,R Less
ENDBELL, Solder Contact, Aluminum

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Connectors > Connector Backshells & Adapters > Ruggedized Backshells & Adapters



Connector General Specification Number: AS50151 Class A,E,F,R Less ENDBELL, Solder Contact

Backshell Material: Aluminum

Adapter Plating Material: Cadmium (AMS-QQ-P-416, Type II, Class 3)

Cable Diameter Range: 4.8 – 7.6 mm [.188 – .3 in]

Adapter Angle: 90

Features

Product Type Features

Termination Device Included	TR06AI
Pluggable I/O Accessory Type	Tinel-Lock Adapter
Adapter Angle	90
Termination Device Type	Side-Entry Tinel-Lock Ring, Tinel-Lock Adapter, Tinel-Lock Ring
Connector Shell Size	18

Body Features

Color	Olive Drab
Backshell Material	Aluminum
Adapter Plating Material	Cadmium (AMS-QQ-P-416, Type II, Class 3)
TE Adapter Code	18
Adapter Entry Size	6

Termination Features

Overbraid Termination	Tinel-Lock Ring
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Dimensions

Cable Entry Diameter	.2 – 9.5 mm[.01 – .38 in]
Cable Diameter Range	4.8 – 7.6 mm[.188 – .3 in]



Usage Conditions

Salt Spray Resistance	500 Hr
Operating Temperature Range	-65 – 175 °C[-85 – 347 °F]

Industry Standards

Connector Detail Specification Number	AS31001, AS31011, AS31061, AS31071
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Other

Connector General Specification Number	AS50151 Class A,E,F,R Less ENDBELL, Solder Contact
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (.3% in BODY & NUT) Cd (3% in BODY AND NUT) Article Safe Usage Statements: Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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



TE Part # 173643-000
RH-3960-1-TINEL-KIT-120V

Also in the Series | Raychem TXR



Ruggedized Backshells & Adapters
(2821)

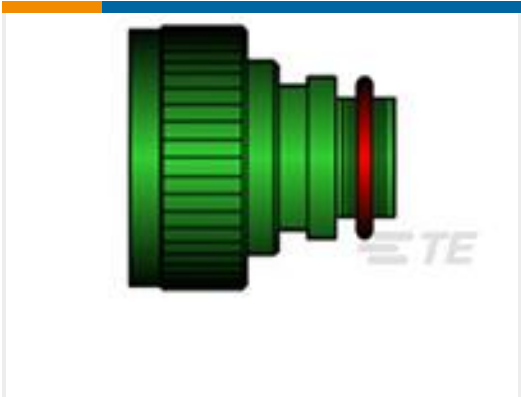


Screened Backshells & Adapters(1)

Customers Also Bought



TE Part #1-1617121-1
JMAC-26XP = M39016/9-062P



TE Part #087463-000
TXR21AB00-1206AI



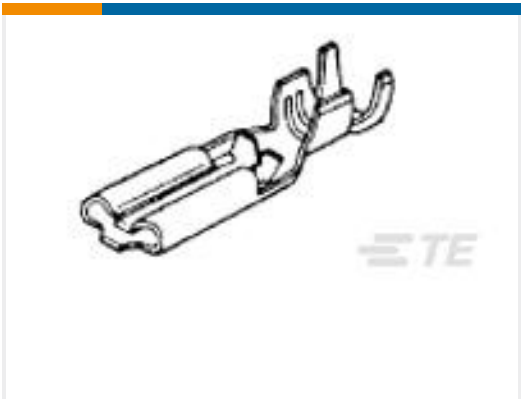
TE Part #YDTS26F13-35SNV001
Straight Plug: D38999, 13-35 Insert,
Electroless Nickel Plating



TE Part #2-353047-3
DYNAMIC 5000 REC AND TAB HSG



TE Part #1871745-1
DYNAMIC 1000 CONTACT



TE Part #174778-1
PL 110 REC TERMINAL 20-16 AWG
PTPB



TE Part #1617124-4
JMAPD-26XM = M39016/15-039M



TE Part #31772
TERMINAL,DG R 12-10 1/4



Documents

Product Drawings

[TXR18AB90-1806AI](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_036705-000_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_036705-000_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_036705-000_O.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[5-1654025-5_sec6_Adapters](#)

English

Circular Backshells

English

Product Specifications

[General Information Package for Tinel-Lock Adapters](#)

English

[Braid termination using a Tinel Lock Ring installed using a resistance heater.](#)

English

[PERFORMANCE SPECIFICATION Tinel-Lock Rings, Heat Recoverable for Braid Termination](#)

English

[ASSEMBLY GUIDE for Tinel -Lock Rings, Heat Recoverable for Braid Temination](#)

English

[Braid termination using a Tinel Lock Ring installed using a resistance heater.](#)

French



Instruction Sheets

Instruction Sheet (U.S.)

English