

# TXR41AB90-1816AI ✓ ACTIVE

RAYCHEM | RAYCHEM TXR

TE Internal #: 407851-000

Ruggedized, Backshell, .01 – 1 in [.2 – 25.4 mm] Cable Entry,  
Aluminum, Right Angle, Shell Size 18 / 19, Entry Size Code 16,  
RAYCHEM TXR

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Connectors > Connector Accessories > Connector Backshells



Connector Backshell Product Style: **Ruggedized**

Connector Backshell Product Type: **Backshell**

Cable Entry Diameter: **.2 – 25.4 mm [.01 – 1 in]**

Primary Product Material: **Aluminum**

Body Orientation: **Right Angle**

## Features

### Product Type Features

Termination Device Included	TR16AI
Connector Backshell Product Style	Ruggedized
Connector Backshell Product Type	Backshell
Termination Device Type	Side-Entry Tinel-Lock Ring, Tinel-Lock Adapter, Tinel-Lock Ring

### Body Features

Primary Product Color	Olive Drab
Primary Product Material	Aluminum
Primary Product Plating Material	Cadmium (AMS-QQ-P-416, Type II, Class 3)

### Housing Features

Body Orientation	Right Angle
Compatible With Connector Shape	Circular

### Dimensions

Compatible Cable Diameter Range	12.7 – 20.3 mm [.5 – .8 in]
Product Length	54.9 mm [2.16 in]
Cable Entry Diameter	.2 – 25.4 mm [.01 – 1 in]

### Usage Conditions



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

Compatible With Connector Shell Size	18, 19
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### Industry Standards

Connector Detail Specification Number	MS24266, MS27467, MS27468, MS27472, MS27473, MS27474, MS27479, MS27480, MS27481, MS27484, MS27497, MS27652, MS27653, MS27656, MS27661, MS27665
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### Other

Connector Interface Specification	MIL-DTL-38999 Series I, MIL-DTL-38999 Series I/Class E,P,T, MIL-DTL-38999 Series I /Class E,T, MIL-DTL-38999 Series II/Class E, P,T, MIL-DTL-38999 Series II/Class E,T, MIL-DTL-38999 Series II/Class T
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TE Connector Interface Code	41
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Entry Size Code	16
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Not Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (.3% in BODY & NUT) Cd (3% in BODY & NUT)
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**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
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Solder Process Capability	Not applicable for solder process capability
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#### 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



Connector Backshells(2277)

## Customers Also Bought



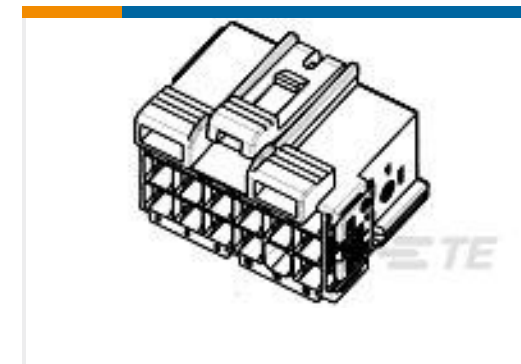
TE Part #7-1676123-7  
1/2W SM M/OX 5% 1K2



TE Part #7-1676123-9  
1/2W SM M/OX 5% 1K5



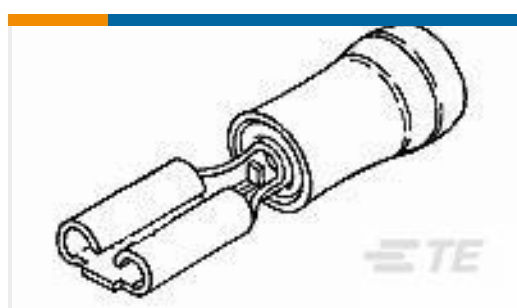
TE Part #6-1676123-0  
1/2W SM M/OX 5% 240R



TE Part #1241581-2  
JUN-POW-TIM GEH 17P



TE Part #5054324002  
RNF-100-1-1/2-3-SP



TE Part #165616-5  
110 PIDG FASTON REC



TE Part #926647-2  
15P UN-MNL AUFN-GEH

## Documents

### Product Drawings

#### TXR41AB90-1816AI

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_407851-000\\_O.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_407851-000\\_O.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_407851-000\\_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.

French

#### Braid termination using a Tinel Lock Ring installed using a resistance heater.

English

#### PERFORMANCE SPECIFICATION Tinel-Lock Rings, Heat Recoverable for Braid Termination

English

#### General Harness Repair Manual

English



**ASSEMBLY GUIDE for Tinel -Lock Rings, Heat Recoverable for Braid Termination**

English

**Product Specification**

English