# TXR54AB00-1608AI ✔ ACTIVE

RAYCHEM | RAYCHEM TXR

TE Internal #: 639347-000

Ruggedized, Backshell, .2 – 12.7 mm [.01 – .5 in] Cable Entry, Aluminum, Straight, 16 / 16S / 19 Shell Size, RAYCHEM TXR

View on TE.com >

Connectors > Connector Accessories > Connector Backshells



Connector Backshell Product Style: **Ruggedized**

Connector Backshell Product Type: **Backshell**

Cable Entry Diameter: **.2 – 12.7 mm [ .01 – .5 in ]**

Primary Product Material: **Aluminum**

Body Orientation: **Straight**

## Features

### Product Type Features

| | |
|---|---|
| Termination Device Included | TR08AI |
| 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

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|---|---|
| Body Orientation | Straight |
| Compatible With Connector Shape | Circular |

### Dimensions

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|---|---|
| Product Length | 25.5 mm[1 in] |
| Compatible Cable Diameter Range | 6.4 – 10.2 mm[.25 – .4 in] |
| Cable Entry Diameter | .2 – 12.7 mm[.01 – .5 in] |

### Usage Conditions

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|---|---|
| Salt Spray Resistance | 500 Hr |

| | |
|---|---|
| Operating Temperature Range | -65 – 175 °C[-85 – 347 °F] |

## Operation/Application

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|---|---|
| Compatible With Connector Shell Size | 16S, 16, 19 |

## Industry Standards

| | |
|---|---|
| Connector Detail Specification Number | AS34001, AS34011, AS34041, AS34061, AS34081, AS34091, AS34121, AS34241, AS34461, AS34501, AS34511, AS34541, AS34561, AS34641, AS34671, AS34681, M83723/01, M83723/02, M83723/03, M83723/04, M83723/05, M83723/06, M83723/07, M83723/08, M83723/13, M83723/14, M83723/36, M83723/37, M83723/38, M83723/39, M83723/40, M83723/41, M83723/42, M83723/43, M83723/48, M83723/49, M83723/65, M83723/66, M83723/67, M83723/68, M83723/69, M83723/71, M83723/72, M83723/73, M83723/74, M83723/75, M83723/76, M83723/77, M83723/78, M83723/82, M83723/83, M83723/84, M83723/85, M83723/86, M83723/87, M83723/91, M83723/92, M83723/95, M83723/96, M83723/97, M83723/98, MS3459, MS3470, MS3471, MS3472, MS3474, MS3475, MS3476, NAS 1599, NAS 1641, NAS 1642, NAS 1643, NAS 1650, NAS 1651, NAS 1652, NAS 1653, NAS 1692, NAS 1693, NAS 1694, NAS 1699, NAS 1700, NAS 1701, NAS 1702 |

## Other

| | |
|---|---|
| TE Connector Interface Code | 54 |

## 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 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Cd (3% in Plating) |

| | |
|---|---|
| | Pb (.3% in machined components)<br>**Article Safe Usage Statements:**<br>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 < 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



Circular Connector Backshells & Clamps(2025)

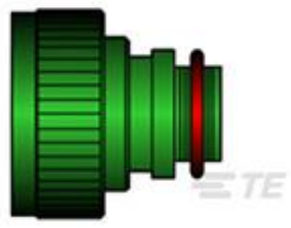


Connector Backshells(2025)

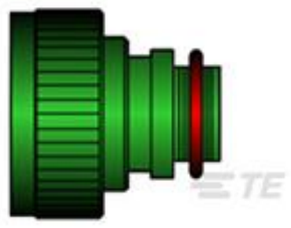


Ruggedized Backshells & Adapters (2025)

## Customers Also Bought



TE Part #477371-000
TXR54AB00-1804AI



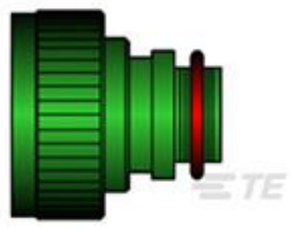
TE Part #377921-000
TXR54AB00-2406AI



TE Part #241721-000
TXR54AB00-2004AI



TE Part #130559-000
TXR54AB00-1810AI



TE Part #799612-000
TXR54AB00-2216AI



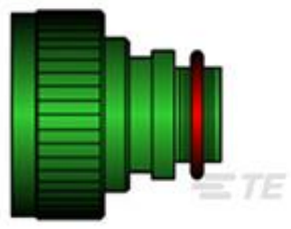
TE Part #402333-000
TXR54AB00-2206AI



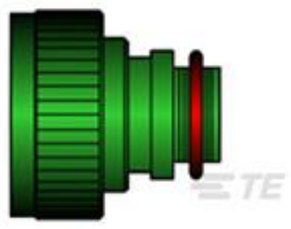
TE Part #690112-000
TXR54AB00-2208AI



TE Part #961033-000
TXR54AB00-2212AI



TE Part #970325-000
TXR54AB00-2204AI



TE Part #530905-000
TXR54AB00-2210AI

## Documents

### Product Drawings

TXR54AB00-1608AI

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_639347-000_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_639347-000_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_639347-000_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

Product Specification

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

ASSEMBLY GUIDE for Tinel -Lock Rings, Heat Recoverable for Braid Temination

English

## Instruction Sheets

Instruction Sheet (U.S.)

English