

TXR40AB45-1004AI

✓ ACTIVE

RAYCHEM | RAYCHEM TXR

TE Internal #: 423207-000

Ruggedized, Backshell, .01 – .25 in [.2 – 6.4 mm] Cable Entry,  
Aluminum, 45°, Shell Size B / 11, 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 – 6.4 mm [ .01 – .25 in ]**  
Primary Product Material: **Aluminum**  
Body Orientation: **45°**

Features

Product Type Features

|                                   |                                                                 |
|-----------------------------------|-----------------------------------------------------------------|
| Termination Device Included       | TR04AI                                                          |
| 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                | 45°      |
| Compatible With Connector Shape | Circular |

Dimensions

|                                 |                             |
|---------------------------------|-----------------------------|
| Compatible Cable Diameter Range | 3.2 – 5.1 mm [.125 – .2 in] |
| Product Length                  | 40 mm [1.57 in]             |
| Cable Entry Diameter            | .2 – 6.4 mm [.01 – .25 in]  |

Usage Conditions

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



Operating Temperature Range

-65 – 175 °C[-85 – 347 °F]

Operation/Application

Compatible With Connector Shell Size

B, 11

Industry Standards

Connector Detail Specification Number

D38999/20, D38999/24, D38999/26, D38999/40, D38999/42, D38999/46, D38999/47

Other

Connector Interface Specification

MIL-DTL-38999 Series III/Class C,F,K,W, MIL-DTL-38999 Series IV/Class C,F,W, MIL-DTL-38999 Series IV/Class C,W, MIL-DTL-38999 Series IV/Class F,W

TE Connector Interface Code

40

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                   | Not 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 2024 (240)<br>Candidate List Declared Against: JUNE 2022 (224)<br>SVHC > Threshold:<br>Cd (.2% in Plating)<br><b>Article Safe Usage Statements:</b><br>Use personal protective equipment as required. Do not eat, drink or smoke when using this product. 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

Connector Backshells(2225)

### Customers Also Bought

TE Part #844745-000  
227W256-3-01/42-0

TE Part #ZPF000000000106930  
005-0984-00 SCC

TE Part #ZPF000000000000357  
006-0937-12 SCC

### Documents

Product Drawings

TXR40AB45-1004AI

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_423207-000\_O.2d\_dxf.zip

English



Customer View Model

[ENG\\_CVM\\_CVM\\_423207-000\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_423207-000\\_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

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 Temination](#)

English

[Product Specification](#)

English