



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            | Bright                           |
| Primary Product Material         | Aluminum                         |
| Primary Product Plating Material | Electroless Nickel (AMS-C-26074) |

Housing Features

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

Dimensions

|                                 |                            |
|---------------------------------|----------------------------|
| Compatible Cable Diameter Range | 6.4 – 10.2 mm[.25 – .4 in] |
| Product Length                  | 26.5 mm[1.04 in]           |
| Cable Entry Diameter            | .2 – 12.7 mm[.01 – .5 in]  |

Usage Conditions

|                       |       |
|-----------------------|-------|
| Salt Spray Resistance | 48 Hr |
|-----------------------|-------|



Operating Temperature Range

-65 – 200 °C[-85 – 392 °F]

Operation/Application

Compatible With Connector Shell Size

G, 21

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 with Exemptions

EU ELV Directive 2000/53/EC

Compliant with Exemptions

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 2024 (240)  
Candidate List Declared Against: JUL 2021 (219)  
SVHC > Threshold:  
Pb (.3% in BODY & NUT)  
**Article Safe Usage Statements:**  
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

Connector Backshells(2225)

Customers Also Bought

TE Part #248609-000  
TXR40AC00-1812AI

TE Part #EH7207-000  
55PC0121-14-6/9

TE Part #997172-000  
462A023-25/225-0

TE Part #881029-004  
222K185-25/225-CS-1858-0

TE Part #CT66253001  
FTR16-6-0CK0439

Documents

Product Drawings



TXR40AC00-2008AI

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_487367-000\_O.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_487367-000\_O.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_487367-000\_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