



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: **Corrosion Resisting Steel**

Body Orientation: **Straight**

Features

Industry Standards

|                                       |                                                                             |
|---------------------------------------|-----------------------------------------------------------------------------|
| Connector Detail Specification Number | D38999/24, D38999/20, D38999/47, D38999/46, D38999/40, D38999/26, D38999/42 |
|---------------------------------------|-----------------------------------------------------------------------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Salt Spray Resistance       | 1000 Hr                    |
| Operating Temperature Range | -65 – 260 °C[-85 – 500 °F] |

Dimensions

|                                 |                            |
|---------------------------------|----------------------------|
| Product Length                  | 26.5 mm[1.04 in]           |
| Compatible Cable Diameter Range | 3.2 – 5.1 mm[.125 – .2 in] |
| Cable Entry Diameter            | .2 – 6.4 mm[.01 – .25 in]  |

Product Type Features

|                                   |                                                                 |
|-----------------------------------|-----------------------------------------------------------------|
| Termination Device Included       | TR04AI                                                          |
| Connector Backshell Product Style | Ruggedized                                                      |
| Connector Backshell Product Type  | Backshell                                                       |
| Termination Device Type           | Tinel-Lock Adapter, Tinel-Lock Ring, Side-Entry Tinel-Lock Ring |

Body Features

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| Primary Product Material         | Corrosion Resisting Steel                  |
| Primary Product Plating Material | Passivated (SAE AMS-QQ-P-35 or MIL-S-5002) |



Housing Features

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

Operation/Application

|                                      |       |
|--------------------------------------|-------|
| Compatible With Connector Shell Size | 13, C |
|--------------------------------------|-------|

Other

|                                   |                                                                                                                                                   |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Connector Interface Specification | MIL-DTL-38999 Series IV/Class F,W, MIL-DTL-38999 Series IV/Class C,W, MIL-DTL-38999 Series IV/Class C,F,W, MIL-DTL-38999 Series III/Class C,F,K,W |
| TE Connector Interface Code       | 40                                                                                                                                                |
| EU RoHS Compliance                | Compliant                                                                                                                                         |
| EU ELV Compliance                 | Compliant                                                                                                                                         |

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                   | 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: JUNE 2024 (241)<br>Candidate List Declared Against: JAN 2024 (240)<br>Does not contain REACH SVHC |
| 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

Circular Connector Backshells & Clamps(2043)

Connector Backshells(2043)

Ruggedized Backshells & Adapters (2043)

Customers Also Bought

TE Part #A165103001  
RAY-101-7.5(100)

TE Part #110931-000  
55PC0211-18-9

TE Part #277603-000  
55PC0211-16-9

TE Part #546727-000  
55PC0211-20-9

TE Part #358681-000  
55PC0211-12-9

TE Part #661503-000  
55PC0221-22-6/9

TE Part #327118-000  
55PC0231-12-3/6/9

TE Part #408647-000  
55PC1121-20-6/9-9





Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_424287-000\_O.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_424287-000\_O.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_424287-000\_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

TXR40SJ00-1204AI

Ruggedized, Backshell, .2 – 6.4 mm [.01 – .25 in] Cable Entry, Corrosion Resisting  
Steel, Straight, Shell Size 13 / C, RAYCHEM TXR

