



Connectors > Connector Accessories > Connector Backshells



Connector Backshell Product Style: **Ruggedized**
Connector Backshell Product Type: **Backshell**
Cable Entry Diameter: **.2 – 22.2 mm [.01 – .88 in]**
Primary Product Material: **Aluminum**
Body Orientation: **Right Angle**

Features

Product Type Features

Termination Device Included	TR14AI
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	Right Angle
Compatible With Connector Shape	Circular

Dimensions

Compatible Cable Diameter Range	11.1 – 17.8 mm[.438 – .7 in]
Product Length	45 mm[1.77 in]
Cable Entry Diameter	.2 – 22.2 mm[.01 – .88 in]

Usage Conditions

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Salt Spray Resistance	48 Hr
Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]

Operation/Application

Compatible With Connector Shell Size	J, 25
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Industry Standards

Connector Detail Specification Number	D38999/20, D38999/24, D38999/26, D38999/40, D38999/42, D38999/46, D38999/47
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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
Entry Size Code	14

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 #196619-000
202G242-55-0

TE Part #608133-000
TXR54AB00-2210BI

TE Part #316311-000
55A1823-22-6/9-9

TE Part #048777-000
55PC1141-24-2/5/6/9-9

TE Part #70A1-12-07-1-B
70A1-12-07-1-B

TE Part #EK4901-000
BTH1-25-16-1-B-SB

TE Part #5-1617815-2
TD229-5002P=TD FR 50 SEC M83726 /29-5002P

TE Part #70F1-20-18-1-B
70F1-20-18-1-B

Documents



Product Drawings

TXR40AC90-2414AI

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_319575-000_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_319575-000_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_319575-000_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

Product Specification

English