

TXR54AB90-2812AI2

✓ ACTIVE

RAYCHEM | RAYCHEM TXR

TE Internal #: 592165-000

Ruggedized, Backshell, .2 – 19.1 mm [.01 – .75 in] Cable Entry,
Aluminum, Right Angle, Shell Size 28, Entry Size 12, 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 – 19.1 mm [.01 – .75 in]**

Primary Product Material: **Aluminum**

Body Orientation: **Right Angle**

Features

Industry Standards

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

Salt Spray Resistance	500 Hr
Operating Temperature Range	-65 – 175 °C[-85 – 347 °F]



Body Features

Primary Product Color	Olive Drab
Primary Product Material	Aluminum
Primary Product Plating Material	Cadmium (AMS-QQ-P-416, Type II, Class 3)

Dimensions

Product Length	54.2 mm[2.13 in]
Compatible Cable Diameter Range	9.5 – 15.2 mm[.375 – .6 in]
Cable Entry Diameter	.2 – 19.1 mm[.01 – .75 in]

Product Type Features

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

Housing Features

Body Orientation	Right Angle
Compatible With Connector Shape	Circular

Operation/Application

Compatible With Connector Shell Size	28
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Other

Connector Interface Specification	MIL-DTL-83723 Series IIIII/Class H, MIL-DTL-83723 Series III/Class S, MIL-DTL-83723 Series III/Class G,R,W, MIL-DTL-83723 Series III/Class G,R, AS50151 Crimp Contact, MIL-DTL-83723 Series III/Class A, G,R, MIL-DTL-83723 Series III/Class A,G,K,R, S, AS50151 Class L,W Crimp Contact, AS50151 Class D,L,U,W Crimp Contact Less ENDBELL, MIL-DTL-83723 Series III/Class A, G,K,R, AS50151 Class D,L,U,W Crimp Contact, MIL-DTL-83723 Series I/Class G,R, AS81703 Series 3, MIL-DTL-83723 Series I /Class A,G,R, AS81703 Series 3/Class E,L, MIL-DTL-26482 Series 2/Class A,L
TE Connector Interface Code	54
Entry Size Code	12
EU RoHS Compliance	Not Compliant
EU ELV Compliance	Not Compliant



Product Compliance

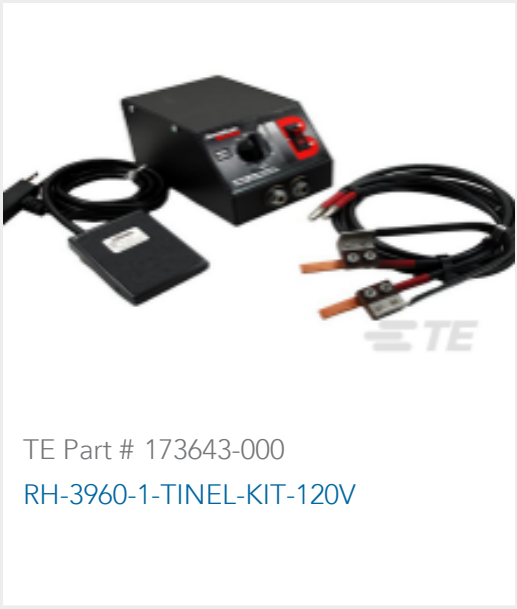
For compliance documentation, visit the product page on TE.com>

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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (.3% in BODY & NUT) Cd (3% in BODY & NUT) Article Safe Usage Statements: 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, 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



Also in the Series | RAYCHEM TXR



Circular Connector Backshells & Clamps(2043)



Connector Backshells(2043)



Ruggedized Backshells & Adapters (2043)

Documents

Product Drawings

TXR54AB90-2812AI2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_592165-000_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_592165-000_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_592165-000_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