TXR40AB00-2012AI ✔ ACTIVE

RAYCHEM | RAYCHEM TXR

TE Internal #: 820593-000

Ruggedized, Backshell, .2 – 19.1 mm [.01 – .75 in] Cable Entry, Aluminum, Straight, 21 / G Shell Size, 12 Entry Size, 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: **Straight**

Features

Product Type Features

Termination Device Included	TR12AI
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	Straight
Compatible With Connector Shape	Circular

Dimensions

Product Length	26.5 mm[1.04 in]
Compatible Cable Diameter Range	9.5 – 15.2 mm[.375 – .6 in]
Cable Entry Diameter	.2 – 19.1 mm[.01 – .75 in]

Usage Conditions

Salt Spray Resistance	500 Hr

Operating Temperature Range	-65 – 175 °C[-85 – 347 °F]

Operation/Application

Compatible With Connector Shell Size	21, G

Industry Standards

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

Other

TE Connector Interface Code	40
Entry Size Code	12

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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Cd (3% in Plating) Pb (.3% in machined components) **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 < 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(2016)

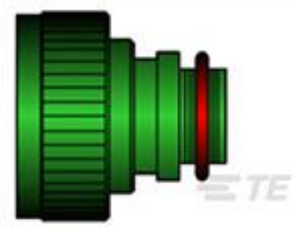


Connector Backshells(2016)

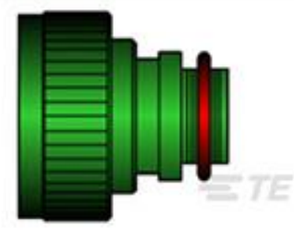


Ruggedized Backshells & Adapters (2016)

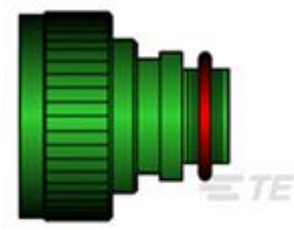
Customers Also Bought



TE Part #121571-000
TXR40AB00-1610AI



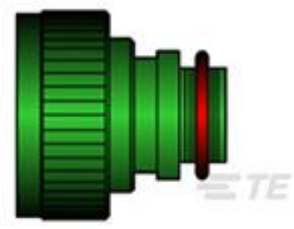
TE Part #106443-000
TXR40AB00-1408AI



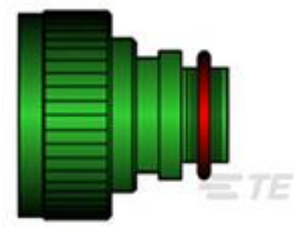
TE Part #726974-000
TXR40AB00-1004AI



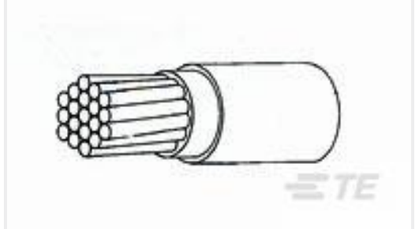
TE Part #413669-000
342A034-25/225-0



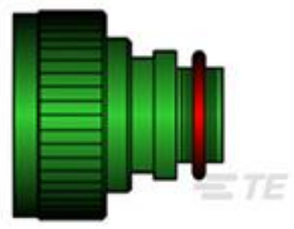
TE Part #293973-000
TXR40AB00-1612AI



TE Part #664529-000
TXR40AB00-1206AI



TE Part #282256-004
81044/12-22-9



TE Part #001349-000
TXR40AB00-1404AI



TE Part #8988010001
TMS-SCE-1K-1/2-2.0-4

TE Part #ER6599-000
D-436-36CS9376

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_820593-000_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_820593-000_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_820593-000_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

Circular Backshells

English

Product Specifications

General Information Package for Tinel-Lock Adapters

English

Product Specification

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

ASSEMBLY GUIDE for Tinel -Lock Rings, Heat Recoverable for Braid Temination

English

Instruction Sheets

Instruction Sheet (U.S.)

English