TXR40AB90-1612AI ✔ ACTIVE

RAYCHEM | RAYCHEM TXR

TE Internal #: 946223-000

Ruggedized, Backshell, .2 – 19.1 mm [.01 – .75 in] Cable Entry, Aluminum, Right Angle, 17 / E Shell Size, 12 Entry Size, RAYCHEM TXR

View on TE.com >

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

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	Right Angle
Compatible With Connector Shape	Circular

Dimensions

Product Length	34 mm[1.33 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	17, E

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	Restricted Materials 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 (100% in 5115185546) Article Safe Usage Statements: Use personal protective equipment as required. Do not eat, drink or smoke when using this product. 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

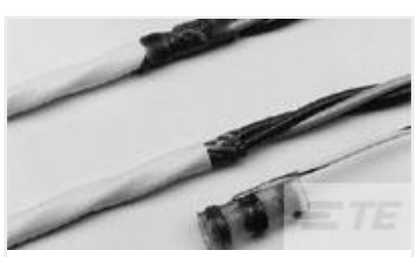
Also in the Series | RAYCHEM TXR

Circular Connector Backshells & Clamps(2035)

Connector Backshells(2035)

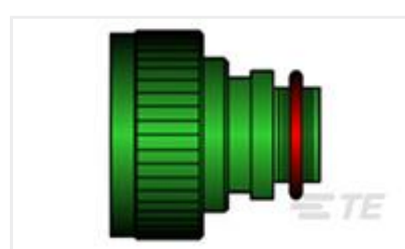
Ruggedized Backshells & Adapters (2035)

Customers Also Bought

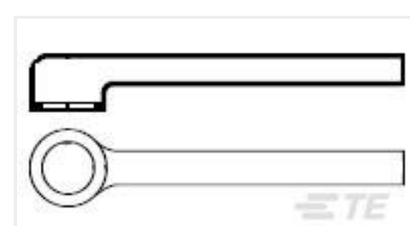


TE Part #651105-000
S03-03-R-100

TE Part #EG1388-000
STXR40AZ00-0814BI



TE Part #554173-000
TXR40AB00-1406AI



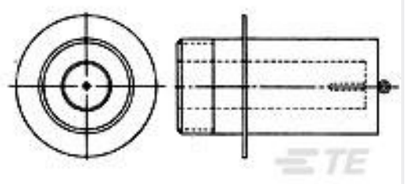
TE Part #434863-000
222F221-51/164-0

TE Part #844655-000
TXR21AB00-2216AI

TE Part #5039234011
DR-25-1-1/2-0-SP

TE Part #820058-000
562A011-25-0

TE Part #204522-2
RECEPT ASSY,104 POSN,AMPLIMITE



TE Part #5-861258-1
LGH 4 FLG RECEPT MKD

TE Part #EB9512N001
TXR54AZ00-0804AI-CS9172

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_946223-000_O.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_946223-000_O.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_946223-000_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