TXR41AB00-1612AI2 ✔ ACTIVE

Raychem | Raychem TXR

TE Part # 180431-000

TE Internal #: TXR41AB00-1612AI2

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Connectors > Connector Backshells & Adapters > Ruggedized Backshells & Adapters



Cable Diameter Range: **9.5 – 15.2 mm [.375 – .6 in]**

Connector General Specification Number: **MIL-DTL-38999 Series I, MIL-DTL-38999 Series I/Class E,P,T, MIL-DTL-38999 Series I /Class E,T, MIL-DTL-38999 Series II/Class E,P,T, MIL-DTL-38999 Series II/Class E,T, MIL-DTL-38999 Series II/Class T**

Connector Detail Specification Number: **MS24266, MS27467, MS27468, MS27472, MS27473, MS27474, MS27479, MS27480, MS27481, MS27484, MS27497, MS27652, MS27653, MS27656, MS27661, MS27665**

Material: **Aluminum**

Adapter Plating Material: **Cadmium (AMS-QQ-P-416 Type II, Class 3)**

Features

Product Type Features

Pluggable I/O Accessory Type	Tinel-Lock Adapter
Adapter Angle	00
Style	Tinel-Lock Adapter
Termination Device Type	Side-Entry Tinel-Lock Ring, Tinel-Lock Ring
Connector Shell Size	16, 17

Body Features

Color	Olive Drab
Material	Aluminum
Adapter Plating Material	Cadmium (AMS-QQ-P-416 Type II, Class 3)
TE Adapter Code	41
Adapter Entry Size	12

Termination Features

Overbraid Termination	Tinel-Lock Ring

Dimensions

Cable Entry Diameter	.2 – 19.1 mm[.01 – .75 in]
Cable Diameter Range	9.5 – 15.2 mm[.375 – .6 in]

Usage Conditions

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

Industry Standards

Connector Detail Specification Number	MS24266, MS27467, MS27468, MS27472, MS27473, MS27474, MS27479, MS27480, MS27481, MS27484, MS27497, MS27652, MS27653, MS27656, MS27661, MS27665

Other

Connector General Specification Number	MIL-DTL-38999 Series I, MIL-DTL-38999 Series I/Class E,P,T, MIL-DTL-38999 Series I /Class E,T, MIL-DTL-38999 Series II/Class E, P,T, MIL-DTL-38999 Series II/Class E,T, MIL-DTL-38999 Series II/Class T

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: JAN 2019 (197) Candidate List Declared Against: JUN 2018 (191)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 173643-000
RH-3960-1-TINEL-KIT-120V

Also in the Series | Raychem TXR



Ruggedized Backshells & Adapters(3265)



Screened Backshells & Adapters(41)



Unscreened Backshells & Adapters(29)

Customers Also Bought



TE Part #477778-000
202F263-50-0



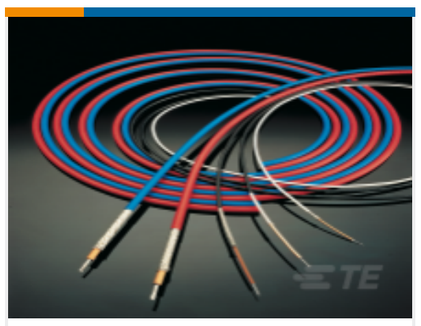
TE Part #931016-000
202F274-50-0



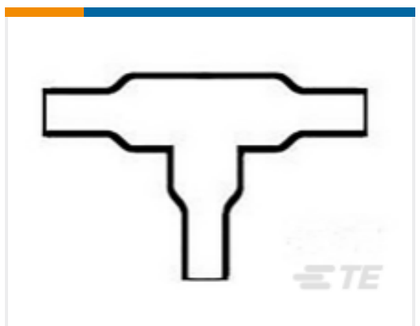
TE Part #820715-000
202K163-4-02-0



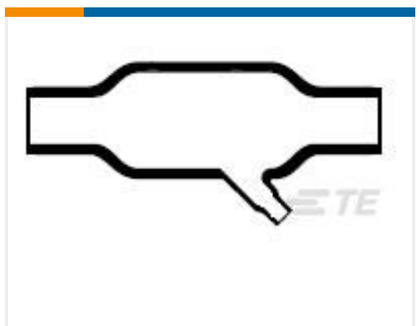
TE Part #131447-000
202M118-19C20



TE Part #548177-000
2524A0524-9



TE Part #823242-000
322A412-3-0



TE Part #811153-000
342A024-12-0

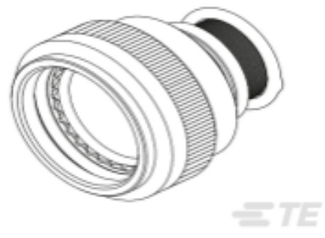


TE Part #A86989-000
TXR40SJ00-2014BI



TE Part #A93269-000

TXR40SJ00-2210BI



TE Part #330051-000
TXR40SJ00-2218AI

Documents

Product Drawings

TXR41AB00-1612AI2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_180431-000_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_180431-000_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_180431-000_O.3d_stp.zip

English

Datasheets & Catalog Pages

5-1654025-5_sec6_Adapters

English

Product Specifications

PERFORMANCE SPECIFICATION Tinel-Lock Rings, Heat Recoverable for Braid Termination

English

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

English

Product Specification

English

General Information Package for Tinel-Lock Adapters

English

Braid termination using a Tinel Lock Ring installed using a resistance heater.

English

Braid termination using a Tinel Lock Ring installed using a resistance heater.

French

Product Environmental Compliance

REACH Substance Communication Document

English

Instruction Sheets

Instruction Sheet (U.S.)

English