

TXR41AB90-1604BI

✓ ACTIVE

Raychem | Raychem TXR

TE Part # F98806-000

TE Internal #: TXR41AB90-1604BI

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Connectors > Connector Backshells & Adapters > Ruggedized Backshells & Adapters



Cable Diameter Range: 3.2 – 5.1 mm [ .125 – .2 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

|                              |                                             |
|------------------------------|---------------------------------------------|
| Termination Device Included  | TR04BI                                      |
| Pluggable I/O Accessory Type | Tinel-Lock Adapter                          |
| Adapter Angle                | 90                                          |
| 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       | 4                                       |

Termination Features

|                       |                 |
|-----------------------|-----------------|
| Overbraid Termination | Tinel-Lock Ring |
|-----------------------|-----------------|

Dimensions

|                      |                            |
|----------------------|----------------------------|
| Cable Entry Diameter | .2 – 6.4 mm[.01 – .25 in]  |
| Cable Diameter Range | 3.2 – 5.1 mm[.125 – .2 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)<br>Candidate List Declared Against: JAN 2019 (197) |
| 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



Documents

Product Drawings

TXR41AB90-1604BI

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_F98806-000\_O.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_F98806-000\_O.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_F98806-000\_O.3d\_stp.zip

English

Datasheets & Catalog Pages

5-1654025-5\_sec6\_Adapters

English

Product Specifications

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

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

English

Product Specification

English

General Information Package for Tinel-Lock Adapters

English

Product Environmental Compliance

REACH Substance Communication Document

English



Instruction Sheets

Instruction Sheet (U.S.)

English