



Connectors > Connector Backshells & Adapters > Ruggedized Backshells & Adapters



Connector General Specification Number: AS50151 Class D,L,U,W Crimp Contact, AS50151 Class D,L,U,W Crimp Contact Less ENDBELL, AS50151 Class L,W Crimp Contact, AS50151 Crimp Contact, AS81703 Series 3, AS81703 Series 3/Class E,L, MIL-DTL-26482 Series 2/Class A,L, MIL-DTL-83723 Series I/Class A,G,R, MIL-DTL-83723 Series I/Class G,R, MIL-DTL-83723 Series III/Class A,G,K,R, MIL-DTL-83723 Series III/Class A,G,K,R,S, MIL-DTL-83723 Series III/Class A,G,R, MIL-DTL-83723 Series III/Class G,R, MIL-DTL-83723 Series III /Class G,R,W, MIL-DTL-83723 Series III/Class S, MIL-DTL-83723 Series IIII/Class H

Backshell Material: Corrosion Resisting Steel

Adapter Plating Material: Passivated (SAE AMS-QQ-P-35 or MIL-S-5002)

Cable Diameter Range: 7.9 – 12.7 mm [.313 – .5 in]

Adapter Angle: Straight

Features

Product Type Features

Termination Device Included	TR10AI
Pluggable I/O Accessory Type	Tinel-Lock Adapter
Adapter Angle	Straight
Termination Device Type	Side-Entry Tinel-Lock Ring, Tinel-Lock Adapter, Tinel-Lock Ring
Connector Shell Size	18, 27

Body Features

Backshell Material	Corrosion Resisting Steel
Adapter Plating Material	Passivated (SAE AMS-QQ-P-35 or MIL-S-5002)
TE Adapter Code	54
Adapter Entry Size	10

Termination Features

Overbraid Termination	Tinel-Lock Ring
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Dimensions

Cable Entry Diameter	.2 – 15.9 mm[.01 – .63 in]
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Cable Diameter Range

7.9 – 12.7 mm[.313 – .5 in]

Usage Conditions

Salt Spray Resistance	1000 Hr
Operating Temperature Range	-65 – 260 °C[-85 – 500 °F]

Industry Standards

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

Connector General Specification Number	AS50151 Class D,L,U,W Crimp Contact, AS50151 Class D,L,U,W Crimp Contact Less ENDBELL, AS50151 Class L,W Crimp Contact, AS50151 Crimp Contact, AS81703 Series 3, AS81703 Series 3/Class E,L, MIL-DTL-26482 Series 2/Class A,L, MIL-DTL-83723 Series I/Class A,G,R, MIL-DTL-83723 Series I/Class G,R, MIL-DTL-83723 Series III /Class A,G,K,R, MIL-DTL-83723 Series III /Class A,G,K,R,S, MIL-DTL-83723 Series III /Class A,G,R, MIL-DTL-83723 Series III /Class G,R, MIL-DTL-83723 Series III/Class G,R,W, MIL-DTL-83723 Series III/Class S, MIL-DTL-83723 Series IIII/Class H
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
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



TE Part # 173643-000

[RH-3960-1-TINEL-KIT-120V](#)

Also in the Series | Raychem TXR



Ruggedized Backshells & Adapters
(2072)



Screened Backshells & Adapters(1)

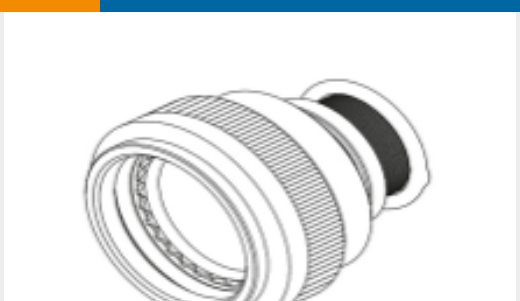
Customers Also Bought



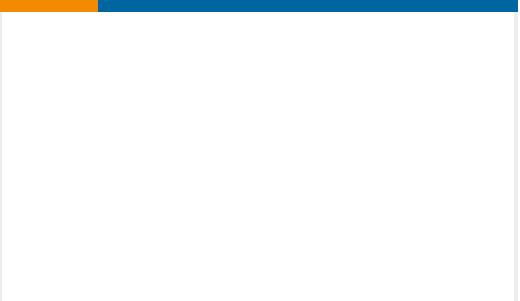
TE Part #173855-000
TXR40SJ00-0804AI



TE Part #146995-000
TXR40AB00-1410AI



TE Part #EJ0471-000
TXR40SJ00-2424AI



TE Part #EG2232-000
TXR40AC00-0808AI



TE Part #996617-000
TXR40SJ00-1206AI



TE Part #395753-000
TXR54SJ00-1208AI



TE Part #CF0011-000
TXR54SJ00-1808AI



TE Part #CF0013-000
TXR54SJ00-2414AI

Documents

Product Drawings

TXR54SJ00-1810AI

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_477211-000_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_477211-000_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_477211-000_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