

TXR54AB90-2016AI ✓ ACTIVE

RAYCHEM | RAYCHEM TXR

TE Internal #: 235407-000

Ruggedized, Backshell, .2 – 25.4 mm [.01 – 1 in] Cable Entry,
Aluminum, Right Angle, 20 / 37 Shell Size, 16 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 – 25.4 mm [.01 – 1 in]**

Primary Product Material: **Aluminum**

Body Orientation: **Right Angle**

Features

Industry Standards

Connector Detail Specification Number

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

Usage Conditions

Salt Spray Resistance

500 Hr



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

Primary Product Color	Olive Drab
Primary Product Material	Aluminum
Primary Product Plating Material	Cadmium (AMS-QQ-P-416, Type II, Class 3)

Dimensions

Product Length	54.8 mm[2.15 in]
Compatible Cable Diameter Range	12.7 – 20.3 mm[.5 – .8 in]
Cable Entry Diameter	.2 – 25.4 mm[.01 – 1 in]

Product Type Features

Termination Device Included	TR16AI
Connector Backshell Product Style	Ruggedized
Connector Backshell Product Type	Backshell
Termination Device Type	Tinel-Lock Adapter, Tinel-Lock Ring, Side-Entry Tinel-Lock Ring

Housing Features

Body Orientation	Right Angle
Compatible With Connector Shape	Circular

Operation/Application

Compatible With Connector Shell Size	37, 20
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Other

Connector Interface Specification	MIL-DTL-83723 Series III/Class H, MIL-DTL-83723 Series III/Class S, MIL-DTL-83723 Series III/Class G,R,W, MIL-DTL-83723 Series III/Class G,R, AS50151 Crimp Contact, MIL-DTL-83723 Series III/Class A, G,R, MIL-DTL-83723 Series III/Class A,G,K,R, S, AS50151 Class L,W Crimp Contact, MIL-DTL-83723 Series III/Class A,G,K,R, AS50151 Class D,L,U,W Crimp Contact Less ENDBELL, AS50151 Class D,L,U,W Crimp Contact, MIL-DTL-83723 Series I/Class G,R, AS81703 Series 3, MIL-DTL-83723 Series I /Class A,G,R, AS81703 Series 3/Class E,L, MIL-DTL-26482 Series 2/Class A,L
TE Connector Interface Code	54
Entry Size Code	16



EU RoHS Compliance Not Compliant

EU ELV Compliance Not Compliant

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 2024 (241)
 Candidate List Declared Against: JUNE 2022 (224)
 SVHC > Threshold:
 Cd (3% in BODY & NUT)
 Pb (.3% in BODY & NUT)

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.

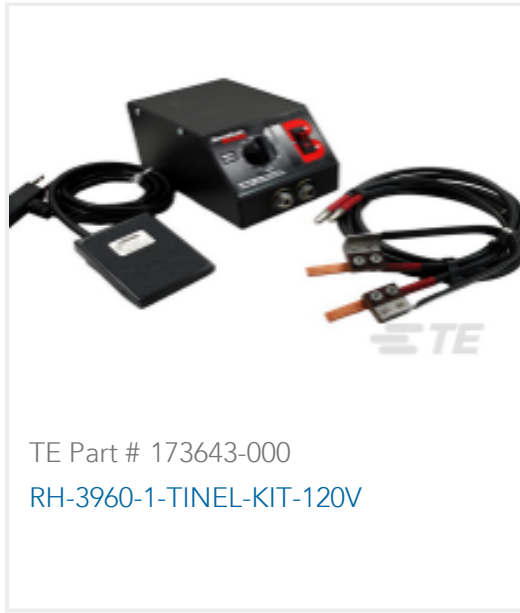
Halogen Content Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

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



Circular Connector Backshells & Clamps(2044)



Connector Backshells(2044)



Ruggedized Backshells & Adapters (2044)

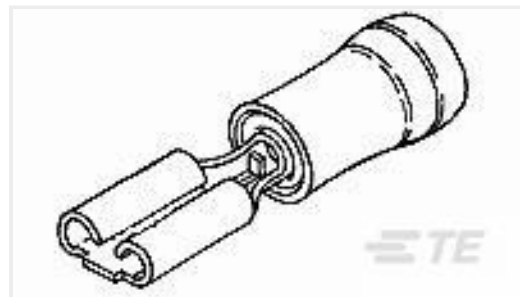
Customers Also Bought



TE Part #926647-2
15P UN-MNL AUFN-GEH



TE Part #7-1676123-7
1/2W SM M/OX 5% 1K2



TE Part #165616-5
110 PIDG FASTON REC



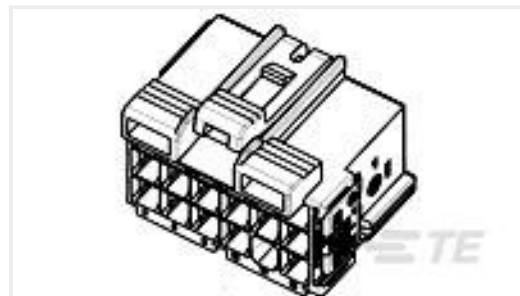
TE Part #6-1676123-0
1/2W SM M/OX 5% 240R



TE Part #7-1676123-9
1/2W SM M/OX 5% 1K5



TE Part #625250-000
D-128-0008



TE Part #1241581-2
JUN-POW-TIM GEH 17P



TE Part #5054324002
RNF-100-1-1/2-3-SP

Documents

[Product Drawings](#)
[TXR54AB90-2016AI](#)

English