

TXR54AC45-1410AI

✓ ACTIVE

RAYCHEM | RAYCHEM TXR

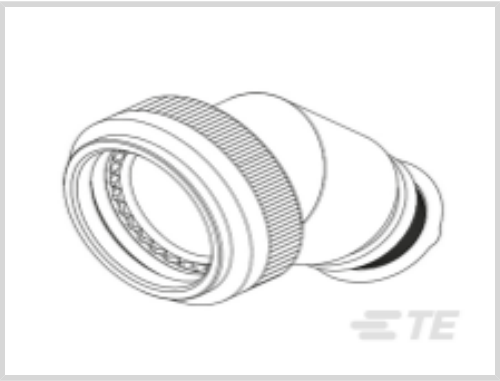
TE Internal #: 433713-000

Ruggedized, Backshell, .2 – 15.9 mm [.01 – .63 in] Cable Entry,  
Aluminum, 45°, 12 / 14 / 14S Shell Size, 10 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 – 15.9 mm [.01 – .63 in]**

Primary Product Material: **Aluminum**

Body Orientation: **45°**

Features

Product Type Features

|                                   |                                                                 |
|-----------------------------------|-----------------------------------------------------------------|
| Termination Device Included       | TR10AI                                                          |
| 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            | Bright                           |
| Primary Product Material         | Aluminum                         |
| Primary Product Plating Material | Electroless Nickel (AMS-C-26074) |

Housing Features

|                                 |          |
|---------------------------------|----------|
| Body Orientation                | 45°      |
| Compatible With Connector Shape | Circular |

Dimensions

|                                 |                             |
|---------------------------------|-----------------------------|
| Product Length                  | 59.3 mm[2.33 in]            |
| Compatible Cable Diameter Range | 7.9 – 12.7 mm[.313 – .5 in] |
| Cable Entry Diameter            | .2 – 15.9 mm[.01 – .63 in]  |

Usage Conditions

|  |  |
|--|--|
|  |  |
|--|--|



|                             |                            |
|-----------------------------|----------------------------|
| Salt Spray Resistance       | 48 Hr                      |
| Operating Temperature Range | -65 – 200 °C[-85 – 392 °F] |

Operation/Application

|                                      |             |
|--------------------------------------|-------------|
| Compatible With Connector Shell Size | 12, 14, 14S |
|--------------------------------------|-------------|

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 |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Other

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connector Interface Specification | 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 |
| TE Connector Interface Code       | 54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



|                 |    |
|-----------------|----|
| Entry Size Code | 10 |
|-----------------|----|

Product Compliance

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

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                               |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                               |
| 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 2025 (247)<br>Candidate List Declared Against: JUL 2021 (219)<br>SVHC > Threshold:<br>Pb (.3% in BODY & NUT)<br><b>Article Safe Usage Statements:</b><br>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



Also in the Series | RAYCHEM TXR

TXR54AC45-1410AI

Ruggedized, Backshell, .2 – 15.9 mm [.01 – .63 in] Cable Entry, Aluminum, 45°, 12 / 14 / 14S Shell Size, 10 Entry Size, RAYCHEM TXR



Circular Connector Backshells & Clamps(2043)



Connector Backshells(2043)



Ruggedized Backshells & Adapters (2043)

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



TE Part #1418410-1  
AMP MCP 1.5K, CONTACT



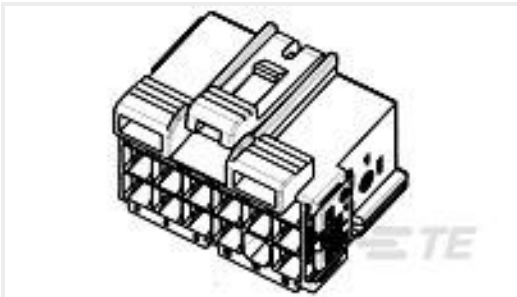
TE Part #7-1676123-9  
1/2W SM M/OX 5% 1K5



TE Part #625250-000  
D-128-0008



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



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

Documents

Product Drawings

TXR54AC45-1410AI

English

Datasheets & Catalog Pages

Circular Backshells

English