



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: Aluminum

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

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

Adapter Angle: Straight

Features

Product Type Features

|                              |                                                                 |
|------------------------------|-----------------------------------------------------------------|
| Termination Device Included  | TR12BI                                                          |
| 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         | 12, 14, 14S                                                     |

Body Features

|                          |                                          |
|--------------------------|------------------------------------------|
| Color                    | Olive Drab                               |
| Backshell Material       | Aluminum                                 |
| Adapter Plating Material | Cadmium (AMS-QQ-P-416, Type II, Class 3) |
| TE Adapter Code          | 54                                       |
| 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 | 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 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 |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



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 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>SVHC > Threshold:<br>Pb (.3% in BODY & NUT)<br>Cd (3% in BODY & NUT)<br><b>Article Safe Usage Statements:</b><br>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



Ruggedized Backshells & Adapters  
(2821)



Screened Backshells & Adapters(1)

Customers Also Bought



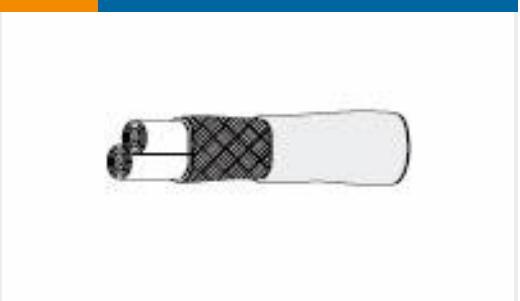
TE Part #446901-000  
TXR41AB00-0806AI



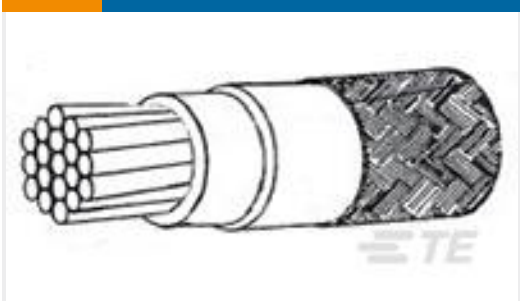
TE Part #1617756-3  
FCA-410-CY2



TE Part #3-1617072-7  
3SBC1542A2 = M39016/13-077L



TE Part #316203-000  
55A1131-20-2/6/9-9



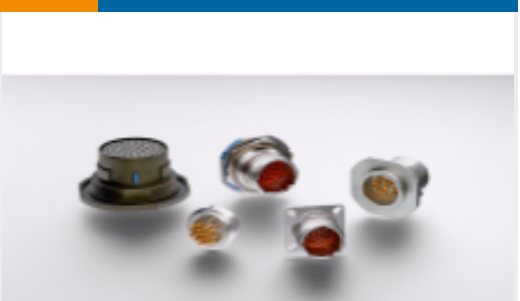
TE Part #218045-001  
55A8040-2-5D



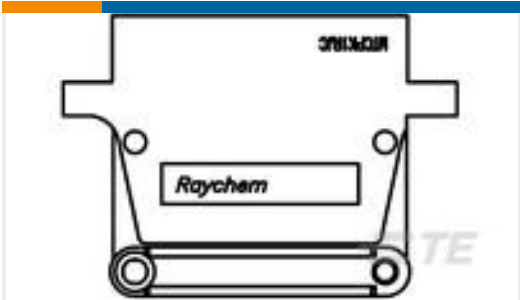
TE Part #218047-000  
55A8040-6-5D



TE Part #401927-000  
D-500-0457-3-613-078



TE Part #YDTS21N11-98PNV001  
HERM RECP



TE Part #303726-000  
MTCPK2RJC22SS



TE Part #209036-001  
SO63-4-W1-24-9-100CS2870

Documents

Product Drawings

TXR54AB00-1412BI

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_757117-000\_O.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_757117-000\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_757117-000\\_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

[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

[Braid termination using a Tinel Lock Ring installed using a resistance heater.](#)

French

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English