



Connectors > Connector Backshells & Adapters > Ruggedized Backshells & Adapters



Connector General Specification Number: MIL-DTL-38999 Series III/Class C,F,K,W, MIL-DTL-38999 Series IV/Class C,F,W, MIL-DTL-38999 Series IV/Class C,W, MIL-DTL-38999 Series IV/Class F,W

Backshell Material: Corrosion Resisting Steel

Adapter Plating Material: Electroless Nickel (AMS-C-26074)

Cable Diameter Range: 12.7 – 20.5 mm [ .5 – .1 in ]

Adapter Angle: 45

## Features

### Product Type Features

Termination Device Included	TR18AI
Pluggable I/O Accessory Type	Tinel-Lock Adapter
Adapter Angle	45
Termination Device Type	Side-Entry Tinel-Lock Ring, Tinel-Lock Adapter, Tinel-Lock Ring
Connector Shell Size	23, H

### Body Features

Color	Bright
Backshell Material	Corrosion Resisting Steel
Adapter Plating Material	Electroless Nickel (AMS-C-26074)
TE Adapter Code	40
Adapter Entry Size	18

### Termination Features

Overbraid Termination	Tinel-Lock Ring
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### Dimensions

Cable Entry Diameter	.2 – 28.6 mm [.01 – 1.13 in]
Cable Diameter Range	12.7 – 20.5 mm [.5 – .1 in]

### Usage Conditions

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

### Industry Standards

Connector Detail Specification Number	D38999/20, D38999/24, D38999/26, D38999/40, D38999/42, D38999/46, D38999/47
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### Other

Connector General Specification Number	MIL-DTL-38999 Series III/Class C,F,K,W, MIL-DTL-38999 Series IV/Class C,F,W, MIL-DTL-38999 Series IV/Class C,W, MIL-DTL-38999 Series IV/Class F,W
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

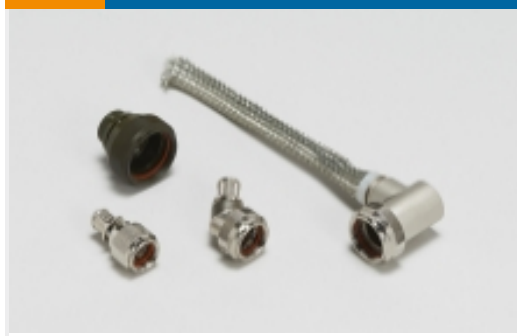
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

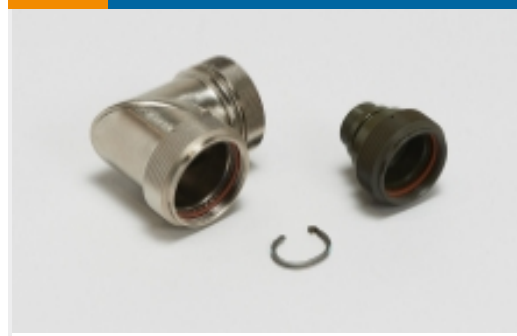


TE Part # 173643-000  
RH-3960-1-TINEL-KIT-120V

## Also in the Series | Raychem TXR



Ruggedized Backshells & Adapters  
(2821)



Screened Backshells & Adapters(1)

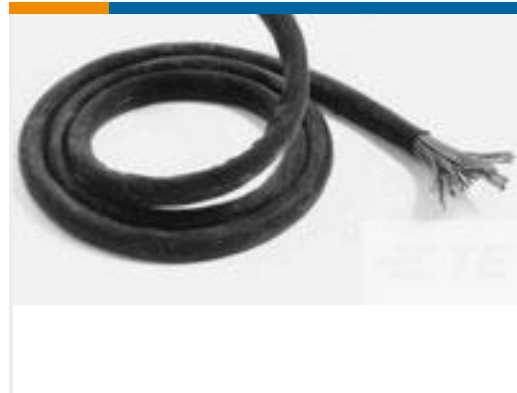
## Customers Also Bought



TE Part #462378-000  
222D221-12-32-0



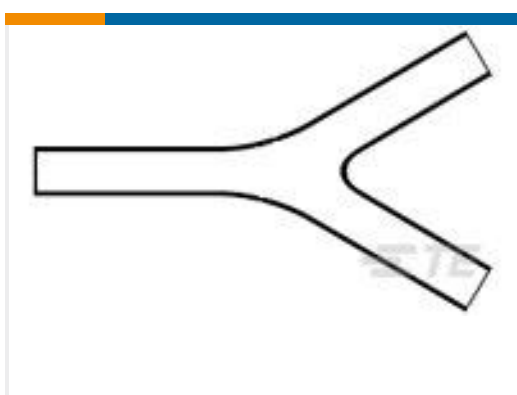
TE Part #YDTS26F15-15SBV001  
PLUG ASSY



TE Part #5580634002  
VPB-2-0-SP



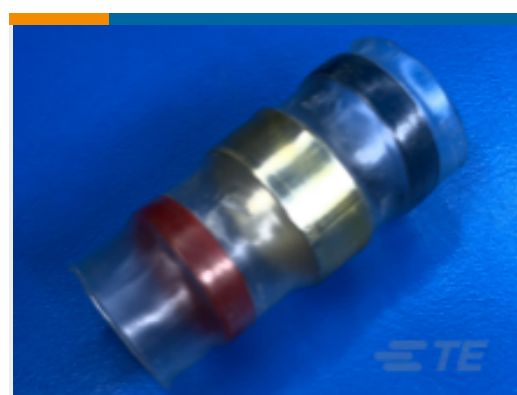
TE Part #265601-000  
81044/9-8-3



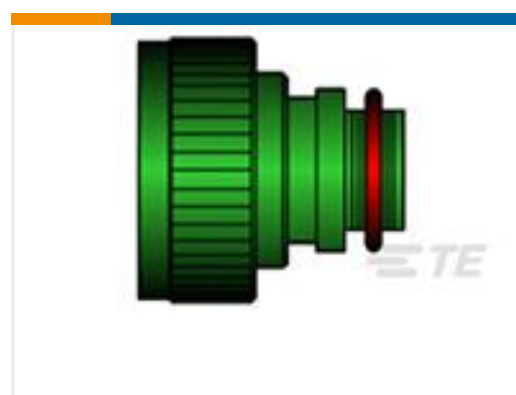
TE Part #819099-000  
381A304-51-0



TE Part #395605-000  
44A0141-20-MST4CS2275



TE Part #620067N004  
D-108-09CS948



TE Part #CB2963-000  
TXR54SJ00-2812BI

## Documents

[Product Drawings](#)  
[TXR40SC45-2218AI](#)

English

[CAD Files](#)  
[3D PDF](#)

3D



**Customer View Model**

[ENG\\_CVM\\_CVM\\_C05730-000\\_O.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_C05730-000\\_O.3d\\_igs.zip](#)

English

**Customer View Model**

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English

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**Datasheets & Catalog Pages**

[5-1654025-5\\_sec6\\_Adapters](#)

English

**Circular Backshells**

English

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**Product Specifications**

[General Information Package for Tinel-Lock Adapters](#)

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

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**Instruction Sheets**

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

English

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