



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: Aluminum

Adapter Plating Material: Zinc Cobalt

Cable Diameter Range: 4.8 – 7.6 mm [ .188 – .3 in ]

Adapter Angle: Straight

Features

Product Type Features

|                              |                                                                 |
|------------------------------|-----------------------------------------------------------------|
| Termination Device Included  | TR06BI                                                          |
| 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         | 09, A                                                           |

Body Features

|                               |                    |
|-------------------------------|--------------------|
| Adapter Underplating Material | Electroless Nickel |
| Color                         | Olive Drab         |
| Backshell Material            | Aluminum           |
| Adapter Plating Material      | Zinc Cobalt        |
| TE Adapter Code               | 40                 |
| Adapter Entry Size            | 6                  |

Termination Features

|                       |                 |
|-----------------------|-----------------|
| Overbraid Termination | Tinel-Lock Ring |
|-----------------------|-----------------|

Dimensions

|                      |                            |
|----------------------|----------------------------|
| Cable Entry Diameter | .2 – 9.5 mm[.01 – .38 in]  |
| Cable Diameter Range | 4.8 – 7.6 mm[.188 – .3 in] |



Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Salt Spray Resistance       | 48 Hr                      |
| Operating Temperature Range | -65 – 175 °C[-85 – 347 °F] |

Industry Standards

|                                       |                                                                             |
|---------------------------------------|-----------------------------------------------------------------------------|
| Connector Detail Specification Number | D38999/20, D38999/24, D38999/26, D38999/40, D38999/42, D38999/46, D38999/47 |
|---------------------------------------|-----------------------------------------------------------------------------|

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

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 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>SVHC > Threshold:<br>Pb (.3% in BACKSHELL AND 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

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

## Customers Also Bought

TE Part #811554-000  
Low Profile HS Boots: Blow Molded, Slim Line, Lipped, Straight

TE Part #825083-000  
322A123-4/42-0

TE Part #462378-000  
Low Profile Heat Shrink Boots: Poly Mold, Lipped, Right Angle

TE Part #YDTS26F15-15SBV001  
D38999: Straight Plug, 15-15 Insert

TE Part #5580634002  
Single Wall VPB: Heat Shrink Tubing, 2: 1 Shrink Ratio

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

STXR40AU00-0806BI

English

Datasheets & Catalog Pages

Circular Backshells

English



