TE Connectivity: Every Connection Counts
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CONNECTORS

RUGGEDIZED BACKSHELLS & ADAPTERS



✔ Active

TE CONNECTIVITY (TE)

TXR61AB00-1610AI

Raychem | TCR , Terminator

TXR61AB00-1610AI
TE Internal Number: 668215-000
Alias ID: 1195262-8

Not EU RoHS Compliant
Not EU ELV Compliant

Cable Diameter Range 7.9 – 12.7 mm [.313 – .5 in]

Connector General Specification Number MIL-C-81511 Series 1/Class A,E,F, MIL-C-81511 Series 1/Class C,P,T, MIL-C-81511 Series 2/Class A,E,F, MIL-C-81511 Series 2/Class C,P,T, MIL-C-81511 Series 3 & 4/Class A,E,F, MIL-C-81511 Series 3/Class A,E,F, MIL-C-81511 Series 4/Class A,E,F

Connector Detail Specification Number M81511/01, M81511/03, M81511/05, M81511/06, M81511/21, M81511/23, M81511/25, M81511/26, M81511/31, M81511/32, M81511/33, M81511/34, M81511/35, M81511/36, M81511/37, M81511/38, M81511/41, M81511/45, M81511/46, M81511/49, M81511/51, M81511/53, M81511/55, M81511/56

Material Aluminum

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

PRODUCT DRAWING
English

3D PDF

DOCUMENTATION

Product Drawings

Tinel-Lock Adapter
PDF
English

CAD Files

3D PDF
PDF
3D

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Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Catalog Pages/Data Sheets

5-1654025-5_sec6_Adapters

PDF

English

Product Specifications

Product Specification

Braid Termination Using A Tinel Lock Ring Installed Using A Resistance Heater.

PDF

English

PERFORMANCE SPECIFICATION Tinel-Lock Rings, Heat Recoverable For Braid Termination

PDF

English

ASSEMBLY GUIDE For Tinel -Lock Rings, Heat Recoverable For Braid Temination

PDF

English

General Information Package For Tinel-Lock Adapters

PDF

English

Adapter Finish Specifications

PDF

English

General Harness Repair Manual

PDF

English

Product Environmental Compliance

REACH Substance Communication Document

RSCD_Cadmium

PDF

English

FEATURES

Please review product documents or contact us for the latest agency approval information.

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Please Note: Use the Product Drawing for all design activity.

Product Type Features

Adapter Angle 00
Style Tinel-Lock Adapter
Termination Device Type Side-Entry Tinel-Lock Ring, Tinel-Lock Ring
Connector Shell Size 16, E
Termination Device Included TR10AI
Accessory Type Tinel-Lock Adapter

Body Features

Color Olive Drab
Material Aluminum
Adapter Plating Material Cadmium (AMS-QQ-P-416 Type II, Class 3)
TE Adapter Code 61
Adapter Entry Size 10

Termination Features

Overbraid Termination Tinel-Lock Ring

Dimensions

Cable Diameter Range 7.9 – 12.7 mm [.313 – .5 in]
Cable Entry Diameter .2 – 15.9 mm [.01 – .63 in]

Usage Conditions

Operating Temperature Range -65 – 175 °C [-85 – 347 °F]
Salt Spray Resistance (Hr) 500

Industry Standards

Connector Detail Specification Number M81511/01, M81511/03, M81511/05, M81511/06, M81511/21, M81511/23, M81511/25, M81511/26, M81511/31, M81511/32, M81511/33, M81511/34, M81511/35, M81511/36, M81511/37, M81511/38, M81511/41, M81511/45, M81511/46, M81511/49, M81511/51, M81511/53, M81511/55, M81511/56

Other

Connector General Specification Number MIL-C-81511 Series 1/Class A,E,F, MIL-C-81511 Series 1/Class C,P,T, MIL-C-81511 Series 2/Class A,E,F, MIL-C-81511 Series 2/Class C,P,T, MIL-C-81511 Series 3 & 4/Class A,E,F, MIL-C-81511 Series 3/Class A,E,F, MIL-C-81511 Series 4/Class A,E,F

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance
PDF

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