



+ CONNECTORS

RUGGEDIZED BACKSHELLS & ADAPTERS



✓ Active

TE CONNECTIVITY (TE)
TXR54AB45-1806AI

Raychem | TCR , Terminator

TXR54AB45-1806AI
TE Internal Number: 765761-000
Alias ID: 4-1195968-7

Not EU RoHS Compliant
Not EU ELV Compliant

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

Connector General Specification Number AS50151 Class D,L,U,W Crimp Contact Less ENDBELL, AS50151 Class D,L,U,W Crimp Contact, 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 III/Class H

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

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

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

Adapter Finish Specifications
PDF
English

General Harness Repair Manual
PDF
English

General Information Package For Tinel-Lock Adapters
PDF
English

Product Environmental Compliance

REACH Substance Communication Document

RSCD_Cadmium
PDF

FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

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

Product Type Features

- Adapter Angle** 45
- Style** Tinel-Lock Adapter
- Termination Device Type** Side-Entry Tinel-Lock Ring, Tinel-Lock Ring
- Connector Shell Size** 18, 27
- Termination Device Included** TR06AI
- 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** 54
- Adapter Entry Size** 6

Termination Features

- Overbraid Termination** Tinel-Lock Ring

Dimensions

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

Usage Conditions

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

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 Less ENDBELL, AS50151 Class D,L,U,W Crimp Contact, 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



Statement of Compliance

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PDF

