



Side Entry Tinel-Lock Ring

Excellent Mechanical and Electrical Properties in an Easy to Install, Heat-Recoverable Termination

Side Entry Tinel-Lock Ring

Heat-Recoverable Termination with One-Piece Construction and Interlocking Ends



Description

The side entry Tinel-Lock ring from TE Connectivity (TE) is a heat-recoverable metal braid terminator. It provides a method of joining a gross cable or harness shield to a customer-built connector backshell or other termination device, without repositioning the ring on the harness (side entry). In addition to fast and easy installation in just seconds, the ring can also be easily removed.

Specifications

MECHANICAL

- **Pull-Off Force:**
Size 04 - 08: 100 lbs. nom.
Size 10 and above: 150 lbs. nom.

ELECTRICAL

- **Connection DC Resistance:** 1 mΩ max.
- **Operating Temperature:** -65°C to 200 °C

MATERIAL

- Nickel-titanium alloy

APPLICATION TOOLING

- **Heat Gun:** CV-1981-PID
- **Installation Tool:** AD-5000-TINEL-ASSY or H-3960-1-TINEL-KIT-120V
- **Adapter:** PN TXR40AB00-1008SA or SB

STANDARDS/SPECIFICATIONS

- **Application Specification:** MIP-104
- **Product Specification:** MPS-104

EXCELLENT PERFORMANCE

- Uniform recovery force
- Excellent mechanical and electrical properties
- Withstands temperatures up to 200°C
- Low DC connection resistance provides excellent 360° shielding termination

EASE OF INSTALLATION

- Rings can be installed in seconds using a resistance heater or heat gun
- Thermochromic paint on the ring changes color when heated to full recovery
- Low profile, buckle-free termination
- One-piece construction with interlocking ends

APPLICATIONS

- Harness over braid termination and cable screen termination to Tinel-Lock adapter

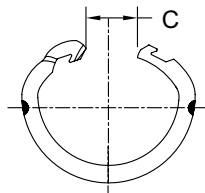
TE Components . . . TE Technology . . . TE Know-how . . .

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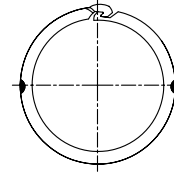
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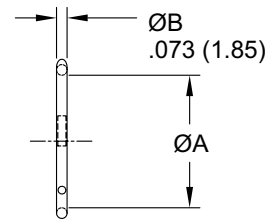
Dimensions



As Supplied



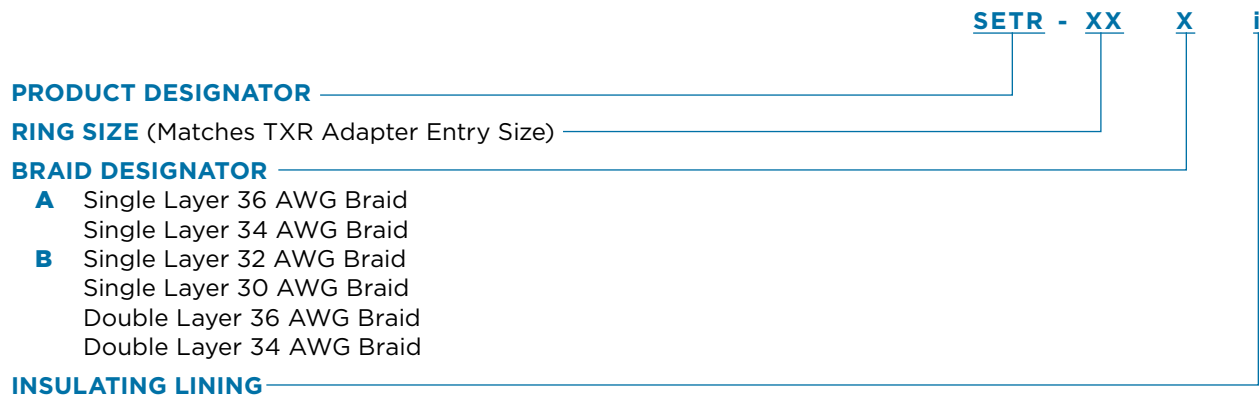
Latched Position



Part No.	ØA Latched, Min.	ØA Max. Free Recovered	C Ref.
SETR-04AI	.397 (10.08)	.379 (9.63)	.25 (6.35)
SETR-04BI	.416 (10.57)	.398 (10.11)	.25 (6.35)
SETR-06AI	.523 (13.28)	.499 (12.67)	.38 (9.65)
SETR-06BI	.548 (13.92)	.523 (13.28)	.38 (9.65)
SETR-08AI	.650 (16.51)	.620 (15.75)	.50 (12.70)
SETR-08BI	.670 (17.02)	.639 (16.23)	.50 (12.70)
SETR-10AI	.782 (19.86)	.744 (18.90)	.60 (15.24)
SETR-10BI	.802 (20.37)	.763 (19.38)	.60 (15.24)
SETR-12AI	.912 (23.16)	.867 (22.02)	.75 (19.05)
SETR-12BI	.931 (23.65)	.886 (22.50)	.75 (19.05)
SETR-14AI	1.040 (26.42)	.998 (25.10)	.88 (22.35)
SETR-14BI	1.060 (26.92)	1.007 (25.58)	.88 (22.35)
SETR-16AI	1.171 (29.74)	1.111 (28.22)	1.0 (25.40)
SETR-16BI	1.191 (30.25)	1.129 (28.77)	1.0 (25.40)
SETR-18AI	1.301 (33.05)	1.234 (31.34)	1.13 (28.70)
SETR-18BI	1.302 (33.53)	1.252 (31.80)	1.13 (28.70)

Dimensions in inches (mm)

Part Numbering System



LET'S CONNECT

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Consult TE for the latest dimensions and design specifications.

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