



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 prepositioning 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

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

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

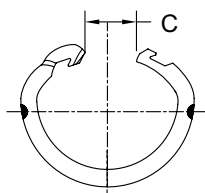
TE Components . . . TE Technology . . . TE Know-how . . .

AMP | AGASTAT | CII | HARTMAN | KILOVAC | MICRODOT | NANONICS | POLAMCO | Raychem | Rochester | DEUTSCH
SEACON Phoenix | LL ROWE | Phoenix Optix | AFP | SEACON

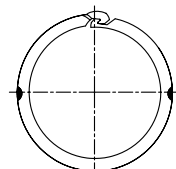
Get your product to market faster with a smarter, better solution.



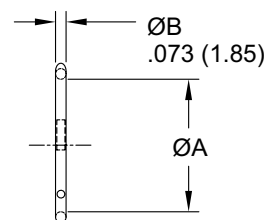
Dimensions



As Supplied



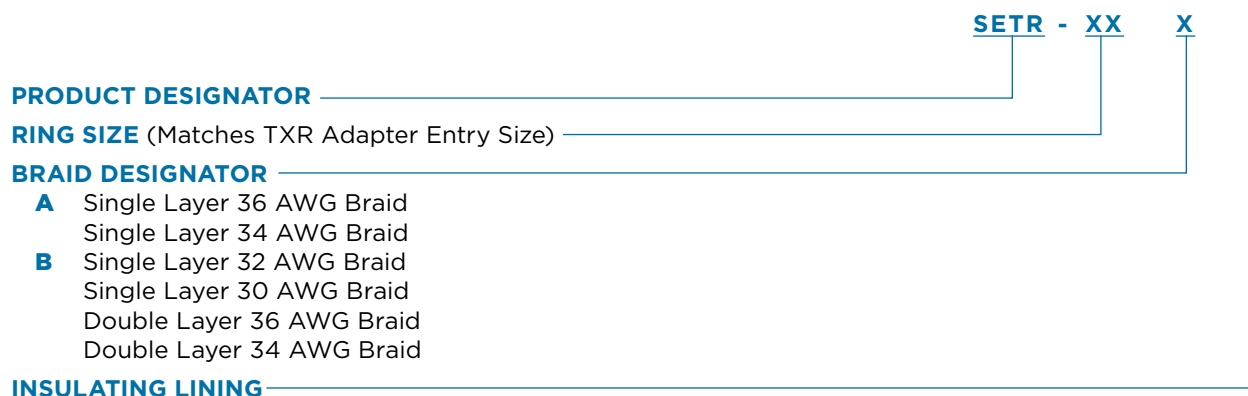
Latched Position



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

We make it easy to connect with our experts and are ready to provide all the support you need. Just call your local support number or visit www.te.com/industrial to chat with a Product Information Specialist.

Technical Support

te.com/support-center

North America	+1 800 522 6752	Asia Pacific	+86 400 820 6015
North America (Toll)	+1 717 986 7777	Japan	+81 044 844 8180
EMEA/South Africa	+800 0440 5100	Australia	+61 2 9554 2695
EMEA (Toll)	+31 73 624 6999	New Zealand	+64 (0) 9 634 4580
India (Toll-Free)	+800 440 5100		

te.com/backshells

AMP, AGASTAT, CII, DEUTSCH, HARTMAN, KILOVAC, LL ROWE, MICRODOT, NANONICS, POLAMCO, Raychem, SEACON, Tinel-Lock, TE, TE Connectivity and the TE connectivity (logo) are trademarks of the TE Connectivity Ltd. family of companies. Other products, logos, and company names mentioned herein may be trademarks of their respective owners.

While TE Connectivity (TE) has made every reasonable effort to ensure the accuracy of the information herein, nothing herein constitutes any guarantee that such information is error-free, or any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. The TE entity issuing this publication reserves the right to make any adjustments to the information contained herein at any time without notice. All implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose are expressly disclaimed. The dimensions herein are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice.

Consult TE for the latest dimensions and design specifications.

© 2016 TE Connectivity Ltd. family of companies All Rights Reserved.

7-1773700-3 12/16