

# 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



#### **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

#### Description

The side entry Tinel-Lock ring from TE Connectivity (TE) is a heatrecoverable 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**

#### **MECHANICAL**

Pull-Off Force:

Size 04 - 08: 100 lbs. nom. Size 10 and above: 150 lbs. nom.

#### **ELECTRICAL**

- Connection DC Resistance:  $1 \text{ m}\Omega$  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 . . .

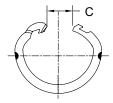
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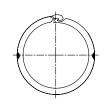
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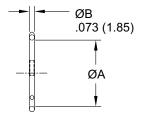


#### **Dimensions**









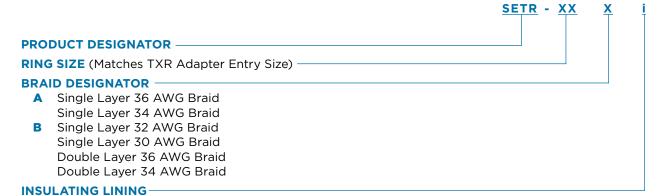
As Supplied

**Latched Position** 

Part No.	$\varnothing$ A Latched, Min.	<b>⊘A Max. Free Recovered</b>	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 (32.77)	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



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Consult TE for the latest dimensions and design specifications.

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