



Introducing
Side Entry Tinel-Lock Ring



Side Entry Tinel-Lock Ring



KEY FEATURES

Low profile, buckle-free termination

One-piece construction with interlocking ends

Superior Performance — uniform recovery force generated by the shape-memory ring gives the termination excellent mechanical and electrical properties

Environmental Operating Range — The ring can withstand temperatures up to 200°C

Ease of installation — Rings can be installed in seconds using either a resistance heater or a simple heat gun. In either case, thermochromic paint applied to the ring changes color to indicate when the ring has been heated to full recovery.

DESCRIPTION

The side entry Tinel-Lock ring is a heat recoverable metal braid terminator, which 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). This ring can be easily removed.

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

Low DC connection resistance provides excellent 360° shielding termination

Connection DC resistance:	1 mΩ maximum
Operating temperature:	-65°C to 200°C

MATERIAL

Nickel-Titanium alloy

STANDARDS & SPECIFICATIONS

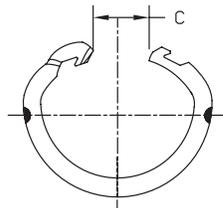
Application specification:	MIP-104
Product specification:	MPS-104

APPLICATION TOOLING

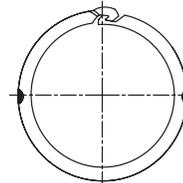
CV-1981-PID (heat gun)
AD-5000-TINEL-ASSY or H-3960-1-TINEL-KIT-120V
(Tinel-Lock installation tool)

Side Entry Tinel-Lock Ring

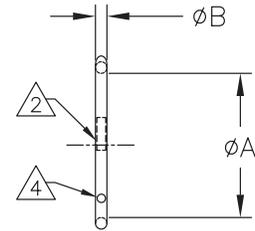
PRODUCT DIMENSIONS & PART NUMBERING SYSTEM



AS SUPPLIED

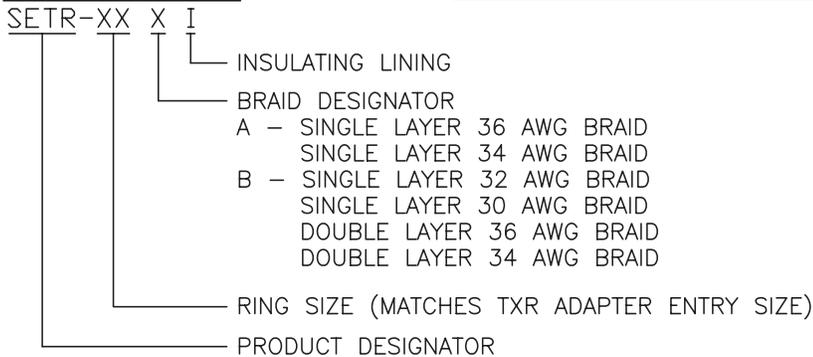


LATCHED POSITION



P/N	ϕA LATCHED (MIN)	ϕA MAX FREE RECOVERED	ϕB (REF)	C (REF)
SETR-04AI	.397 [10.08]	.379 [9.63]	.073 [1.85]	.25 [6.35]
SETR-04BI	.416 [10.57]	.398 [10.11]	.073 [1.85]	.25 [6.35]
SETR-06AI	.523 [13.28]	.499 [12.67]	.073 [1.85]	.38 [9.65]
SETR-06BI	.548 [13.92]	.523 [13.28]	.073 [1.85]	.38 [9.65]
SETR-08AI	.650 [16.51]	.620 [15.75]	.073 [1.85]	.50 [12.7]
SETR-08BI	.670 [17.02]	.639 [16.23]	.073 [1.85]	.50 [12.7]
SETR-10AI	.782 [19.86]	.744 [18.90]	.073 [1.85]	.60 [15.24]
SETR-10BI	.802 [20.37]	.763 [19.38]	.073 [1.85]	.60 [15.24]
SETR-12AI	.912 [23.16]	.867 [22.02]	.073 [1.85]	.75 [19.05]
SETR-12BI	.931 [23.65]	.886 [22.50]	.073 [1.85]	.75 [19.05]
SETR-14AI	1.040 [26.42]	.988 [25.10]	.073 [1.85]	.88 [22.35]
SETR-14BI	1.060 [26.92]	1.007 [25.58]	.073 [1.85]	.88 [22.35]
SETR-16AI	1.171 [29.74]	1.111 [28.22]	.073 [1.85]	1.0 [25.4]
SETR-16BI	1.191 [30.25]	1.129 [32.77]	.073 [1.85]	1.0 [25.4]
SETR-18AI	1.301 [33.05]	1.234 [31.34]	.073 [1.85]	1.13 [28.70]
SETR-18BI	1.320 [33.53]	1.252 [31.80]	.073 [1.85]	1.13 [28.70]

PART DESCRIPTION:



FOR MORE INFORMATION

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