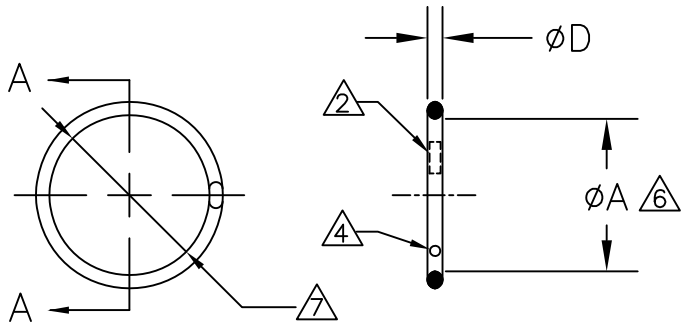
TE CONNECTIVITY (TE) RESERVES THE RIGHT TO CHANGE THIS DRAWING AT ANYTIME. USERS SHOULD EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
D	REVISED PER ECO-12-021589	12/11/2012	G.WELLS
E	REVISED PER ECO-15-018009	12/11/2015	I.MYONG

SCOPE:

THIS SPECIFICATION PROVIDES A DESCRIPTION OF HEAT-TO-RECOVER METAL RINGS FOR TERMINATING BRAIDED SHIELD ONTO ADAPTORS DESIGNED FOR THAT PURPOSE.



PART DESCRIPTION:

TR XX X I

- I — INSULATING LINING
- X — BRAID DES1GNATOR
  - A-36 AWG BRAID, 1 LAYER
  - B-36 AWG BRAID, 2 LAYERS
  - B-30 AWG BRAID, 1 LAYER
  - C-32 AWG BRAID, 2 LAYERS
  - REFER TO MSG-101 FOR RING AND BRAID SELECTION
- XX — RING SIZE (MATCHES TXR ADAPTER ENTRY SIZE)
- TR — PRODUCT DESIGNATOR

NOTES: UNLESS OTHERWISE SPECIFIED.

1. MATERIAL: NICKEL/TITANIUM HEAT-TO-RECOVER SHAP MEMORY ALLOY.
2. THE OUTSIDE SURFACE OF THE RING IS MARKED WITH TWO STRIPES OF THERMOCHROMIC PAIN WHICH CHANGE COLOR WHEN THE SPPROPRIATE INSTALLATION TEMPERATURE IS REACHED.
3. "AI" RINGS ARE IDENTIFIED BY THE ABSENCE OF A RED OR BLUE DOT. REFER TO NOTE 4 BELOW.
4. "BI" RINGS ARE MARKED WITH A RED DOT. "CI" RINGS ARE MARKED WITH A BLUE DOT.
5. REFER TO MIP-101 FOR INSTALATION PROCEDURE AND PERFORMANCE REQUIREMENT.
6. AVERAGE OF MEASUREMENTS TAKEN AT 3 POINTS, EQUALLY SPACED ON WELD AND OFF WELD.
7. SHAPE OF THE RING TO BE MOSTLY CIRCULAR. CERTAIN SIZES (LARGER) MAY HAVE MULTIPLE SIDES.

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Raychem Adapters
CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE NOT APPLIED.

DECIMAL TOLERANCES
.XXX ± -- [mm]
.XX ± -- [mm]
.X ± -- [mm]

ANGLE TOLERANCE
.X ± --

DRAWN E. GOLDY	DATE 05-17-93	
REDRAWN T. NGUYEN	DATE 05-17-93	
APPROVED I. MYONG	DATE 12-08-15	
CAD FILE: TR.dwg		

THIRD ANGLE PROJECTION

TE Connectivity

TITLE: TINEL-LOCK RING

SIZE	CAGE CODE:	DWG. NO.	REV:
A	06090	TR	E

SCALE: NONE

SHEET 1 OF 2

PART DESCRIPTION	ØA MIN AS SUPPLIED		ØA MAX FREE RECOVERED		ØD	
TR04AI	.397	[10.08]	.379	[9.63]	.073±.005	[1.85±.13]
TR04BI	.416	[10.57]	.398	[10.11]	.073±.005	[1.85±.13]
TR05AI	.460	[11.68]	.440	[11.18]	.073±.005	[1.85±.13]
TR05BI	.479	[12.17]	.458	[11.63]	.073±.005	[1.85±.13]
TR06AI	.523	[13.28]	.499	[12.68]	.073±.005	[1.85±.13]
TR06BI	.548	[13.92]	.523	[13.28]	.073±.005	[1.85±.13]
TR07AI	.586	[14.88]	.559	[14.20]	.073±.005	[1.85±.13]
TR07BI	.606	[15.39]	.578	[14.68]	.073±.005	[1.85±.13]
TR08AI	.650	[16.51]	.620	[15.75]	.073±.005	[1.85±.13]
TR08BI	.670	[17.02]	.639	[16.23]	.073±.005	[1.85±.13]
TR10AI	.782	[19.86]	.744	[18.90]	.073±.005	[1.85±.13]
TR10BI	.802	[20.37]	.763	[19.38]	.073±.005	[1.85±.13]
TR10CI	.830	[21.08]	.791	[20.09]	.073±.005	[1.85±.13]
TR12AI	.912	[23.17]	.867	[22.02]	.073±.005	[1.85±.13]
TR12BI	.931	[23.65]	.886	[22.50]	.073±.005	[1.85±.13]
TR12CI	.960	[24.38]	.912	[23.17]	.073±.005	[1.85±.13]
TR14AI	1.040	[26.42]	.988	[25.10]	.073±.005	[1.85±.13]
TR14BI	1.060	[26.92]	1.007	[25.58]	.073±.005	[1.85±.13]
TR14CI	1.089	[27.66]	1.033	[26.24]	.073±.005	[1.85±.13]
TR16AI	1.171	[29.74]	1.111	[28.22]	.073±.005	[1.85±.13]
TR16BI	1.191	[30.25]	1.129	[28.68]	.073±.005	[1.85±.13]
TR16CI	1.216	[30.89]	1.154	[29.31]	.073±.005	[1.85±.13]
TR18AI	1.301	[33.05]	1.234	[31.34]	.073±.005	[1.85±.13]
TR18BI	1.320	[33.53]	1.252	[31.80]	.073±.005	[1.85±.13]
TR20AI	1.430	[36.32]	1.357	[34.47]	.073±.005	[1.85±.13]
TR20BI	1.450	[36.83]	1.376	[34.95]	.073±.005	[1.85±.13]
TR22AI	1.543	[39.19]	1.463	[37.16]	.084±.005	[2.13±.13]
TR22BI	1.561	[39.65]	1.481	[37.62]	.084±.005	[2.13±.13]
TR24AI	1.673	[42.49]	1.587	[40.31]	.084±.005	[2.13±.13]
TR24BI	1.691	[42.95]	1.605	[40.77]	.084±.005	[2.13±.18]
TR28AI	1.932	[49.07]	1.838	[46.68]	.084±.005	[2.13±.13]
TR28BI	1.950	[49.53]	1.858	[47.19]	.084±.005	[2.13±.13]

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REDRAWN	DATE	SIZE	CAGE CODE:	DWG. NO.	REV:
T. NGUYEN	12-07-2015	A	06090	TR	E
CAD FILE: TR-CD		SCALE: NONE		SHEET 2 OF 2	