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REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
C2	ADMINISTRATIVE CHANGE ECO-11-012135	Jun/13/2011	M.HIGGY
D	REVISED PER ECO-12-021589	Dec/11/2012	G.WELLS

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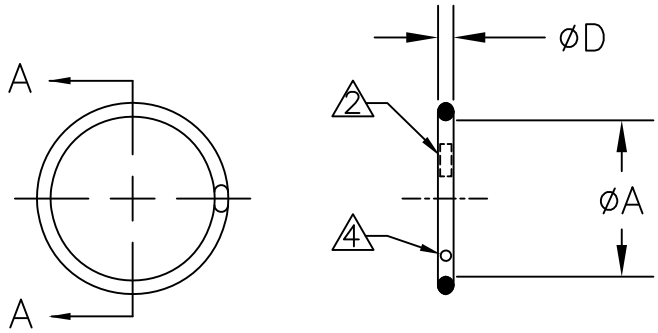
SCOPE:
THIS SPECIFICATION PROVIDES A DESCRIPTION OF HEAT SHRINKABLE METAL RINGS FOR TERMINATING BRAIDED SHIELD ONTO ADAPTORS DESIGNED FOR THAT PURPOSE.



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:

1. MATERIAL: NICKEL/TITANIUM HEAT RECOVERABLE SHAPE MEMORY ALLOY
2. THE OUTSIDE SURFACE OF THE RING IS MARKED WITH TWO STRIPES OF THERMOCHROMIC PAINT WHICH CHANGE COLOR WHEN THE APPROPRIATE INSTALLATION TEMPERATURE IS REACHED.
3. "AI" RINGS ARE IDENTIFIED BY THE ABSENCE OF A RED OR BLUE DOT. REFER TO NOTE 4.
4. "BI" RINGS ARE MARKED WITH A RED DOT. "CI" RINGS ARE MARKED WITH A BLUE DOT.
5. REFER TO MIP-101 FOR INSTALLATION PROCEDURE.
6. REFER TO MPS-101 FOR PEFORMANCE REQUIRMENTS.

DIMENSIONING AND TOLERANCING PER ASME Y14.5M (ISO STANDARDS)

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Raychem Adapters
CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE INCHES. METRIC DIMENSIONS ARE IN BRACKETS.

DECIMAL TOLERANCES

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

ANGLE TOLERANCE

.X ± --

DRAWN	DATE
E. Goldy	05–17–93
CHECKED	DATE
———	———
APPROVED	DATE
W.C. Gay	5–26–93
CAD FILE: TR–CD	

THIRD ANGLE PROJECTION

TE Connectivity

TITLE

TINEL–LOCK RING

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

SCALE: NONE

SHEET 1 OF 2

PART DESCRIPTION	ØA				ØD	
	MIN AS SUPPLIED		MAX FREE RECOVERED			
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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Raychem Adapters
CUSTOMER DRAWING

DRAWN	DATE	SIZE	CAGE CODE:	DWG. NO.	REV:
E. Goldy	05–17–1993	A	06090	TR	D
CAD FILE: TR–CD		SCALE: NONE			SHEET 2 OF 2