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

└─ INSULATING LINING

└─ BRAID DESIGNATOR
   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

└─ RING SIZE (MATCHES TXR ADAPTER ENTRY SIZE)

└─ PRODUCT DESIGNATOR
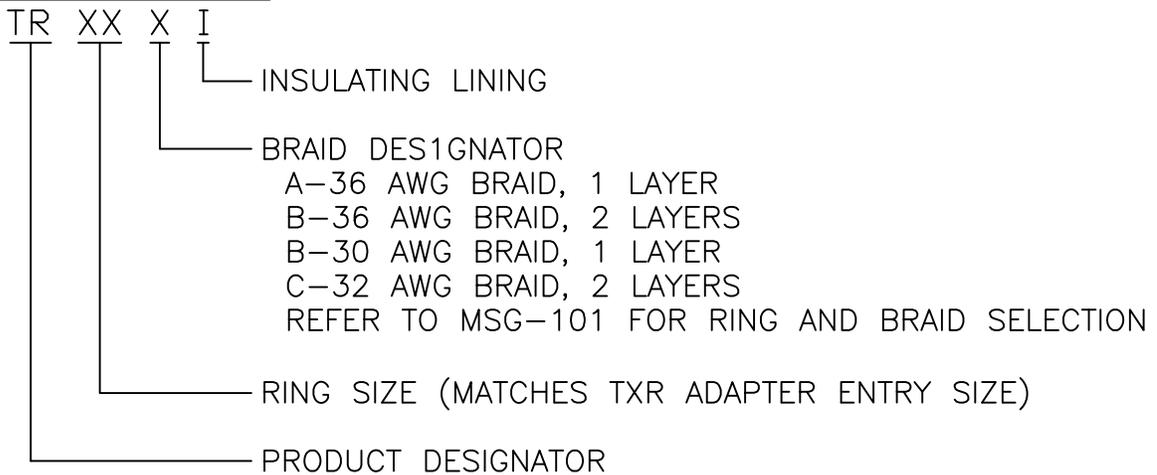
NOTES: UNLESS OTHERWISE SPECIFIED.

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.

Raychem Adapters
CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE NOT APPLIED.	DRAWN E. GOLDY	DATE 05-17-93			
	REDRAWN T. NGUYEN	DATE 05-17-93	**≡TE**		TE Connectivity
DECIMAL TOLERANCES	APPROVED I. MYONG	DATE 12-08-15	TITLE		
.XXX ± -- [mm]	CAD FILE: TR.dwg		TINEL-LOCK RING		
.XX ± -- [mm]					
.X ± -- [mm]			SIZE A	CAGE CODE: 06090	DWG. NO. TR	REV: E
ANGLE TOLERANCE .X ± --	THIRD ANGLE PROJECTION		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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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

Mouser Electronics

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