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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:



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 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 BELOW.
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 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.		DRAWN E. GOLDY	DATE 05-17-93	<div>TE Connectivity</div>			
DECIMAL TOLERANCES  .XXX ± -- [ mm ] .XX ± -- [ mm ] .X ± -- [ mm ]  ANGLE TOLERANCE  .X ± --		REDRAWN T. NGUYEN	DATE 05-17-93				
		APPROVED I. MYONG	DATE 12-08-15	TITLE  TINEL-LOCK RING			
		CAD FILE: TR.dwg					
		THIRD ANGLE PROJECTION				SIZE A	CAGE CODE: 06090
				SCALE: NONE		SHEET 1 OF 2	

PART DESCRIPTION	$\phi A$		$\phi D$
	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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 CUSTOMER DRAWING

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

# Mouser Electronics

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