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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:



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 PERFORMANCE REQUIREMENTS.

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 E. Goldy | DATE 05-17-93 |
| CHECKED | DATE |
| APPROVED W.C. Gay | DATE 5-26-93 |
| CAD FILE: TR-CD | |



TE Connectivity

| | | | |
|--------------------------|---------------------|----------------|-----------|
| TITLE TINEL-LOCK RING | | | |
| SIZE A | CAGE CODE: 06090 | DWG. NO. TR | REV: D |
| SCALE: NONE | | SHEET 1 OF 2 | |

| PART DESCRIPTION | ϕA | | ϕD |
|------------------|-----------------|--------------------|----------------------|
| | 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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|--------------------|--------------------|-------------|---------------------|----------------|-----------|
| DRAWN E. Goldy | DATE 05-17-1993 | SIZE A | CAGE CODE: 06090 | DWG. NO. TR | REV: D |
| CAD FILE: TR-CD | | SCALE: NONE | | SHEET 2 OF 2 | |