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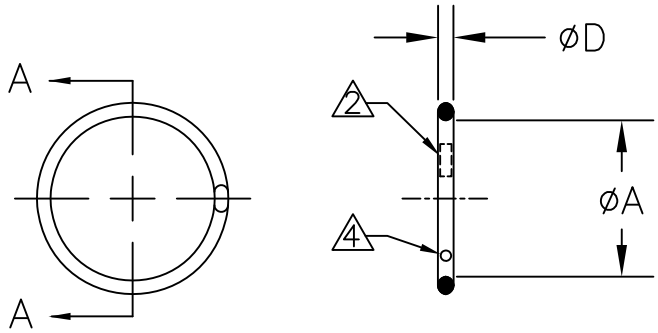
SCOPE:
THIS SPECIFICATION PROVIDES A DESCRIPTION OF HEAT SHRINKABLE METAL RINGS FOR TERMINATING BRAIDED SHIELD ONTO ADAPTORS DESIGNED FOR THAT PURPOSE.




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 |