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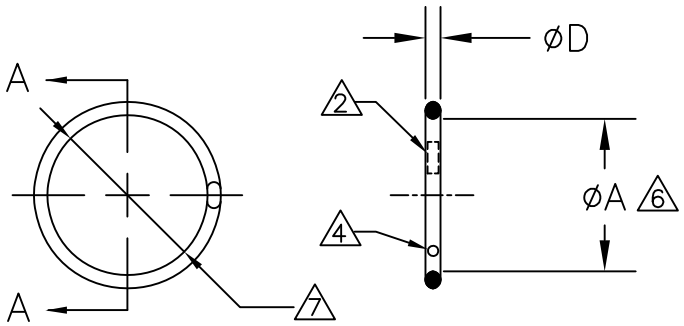
| REVISIONS | | | |
|---|---|---|---|
| LTR | DESCRIPTION | DATE | APPROVED |
| D | REVISED PER ECO-12-021589 | 12/11/2012 | G.WELLS |
| E | REVISED PER ECO-15-018009 | 12/11/2015 | I.MYONG |

SCOPE:

THIS SPECIFICATION PROVIDES A DESCRIPTION OF HEAT-TO-RECOVER METAL RINGS FOR TERMINATING BRAIDED SHIELD ONTO ADAPTORS DESIGNED FOR THAT PURPOSE.




PART DESCRIPTION:

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: 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.

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Raychem Adapters
CUSTOMER DRAWING

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

| 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 | |

LifeElectronics
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- *Входной контроль качества.*
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