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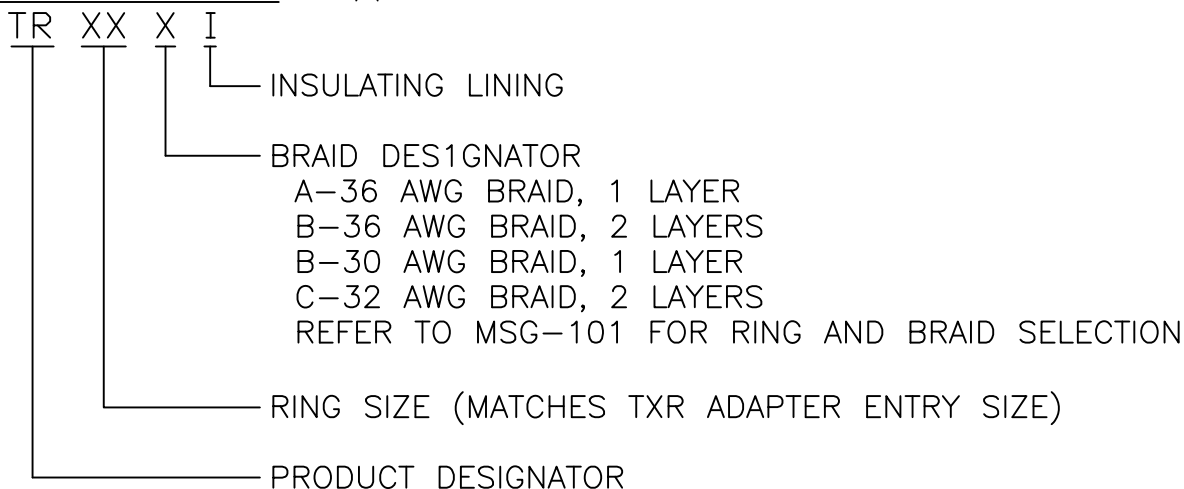
| REVISIONS |                                     |             |          |
|-----------|-------------------------------------|-------------|----------|
| LTR       | DESCRIPTION                         | DATE        | APPROVED |
| C2        | ADMINISTRATIVE CHANGE ECO-11-012135 | Jun/13/2011 | M.HIGGY  |
| D         | REVISED PER ECO-12-021589           | Dec/11/2012 | G.WELLS  |

# SCOPE:

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

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## PART DESCRIPTION:



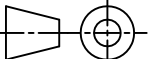
## NOTES:

- 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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|                                                                                                                                                                                                                  |                                                                                     |                  |                                                                                                      |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE INCHES. METRIC<br>DIMENSIONS ARE IN BRACKETS.<br><br>DECIMAL TOLERANCES<br><br>.XXX ± -- [ mm]<br>.XX ± -- [ mm]<br>.X ± -- [ mm]<br><br>ANGLE TOLERANCE<br>.X ± -- | DRAWN<br>E. Goldy                                                                   | DATE<br>05-17-93 |  TE Connectivity |  |
|                                                                                                                                                                                                                  | CHECKED<br>_____                                                                    | DATE<br>_____    |                                                                                                      |  |
|                                                                                                                                                                                                                  | APPROVED<br>W.C. Gay                                                                | DATE<br>5-26-93  | TITLE<br><br>TINEL-LOCK RING                                                                         |  |
|                                                                                                                                                                                                                  | CAD FILE:<br><br>TR-CD                                                              |                  |                                                                                                      |  |
|                                                                                                                                                                                                                  | THIRD ANGLE<br>PROJECTION                                                           |                  | SIZE<br>A                                                                                            |  |
|                                                                                                                                                                                                                  |  |                  | CAGE CODE:<br>06090                                                                                  |  |
|                                                                                                                                                                                                                  |                                                                                     | DWG. NO.<br>TR   |                                                                                                      |  |
|                                                                                                                                                                                                                  |                                                                                     | REV:<br>D        |                                                                                                      |  |
|                                                                                                                                                                                                                  |                                                                                     | SCALE: NONE      |                                                                                                      |  |
|                                                                                                                                                                                                                  |                                                                                     | SHEET 1 OF 2     |                                                                                                      |  |

| PART<br>DESCRIPTION | $\phi A$           |                       | $\phi D$             |
|---------------------|--------------------|-----------------------|----------------------|
|                     | MIN AS<br>SUPPLIED | MAX FREE<br>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<br>E. Goldy  | DATE<br>05–17–1993 | SIZE<br>A   | CAGE CODE:<br>06090 | DWG. NO.<br>TR | REV:<br>D |
| CAD FILE:<br>TR–CD |                    | SCALE: NONE |                     | SHEET 2 OF 2   |           |