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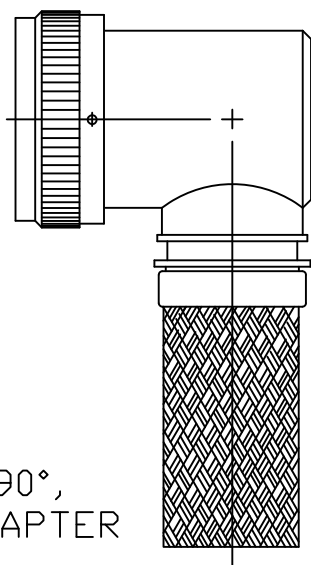
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| REVISIONS |                           |         |          |
|-----------|---------------------------|---------|----------|
| LTR       | DESCRIPTION               | DATE    | APPROVED |
| P         | REVISED PER ECN AD93077   |         |          |
| P1        | REVISED PER ECO-11-011624 | 6/21/12 | K. YEE   |



CODE 54 90°,  
SHIELDED ADAPTER

NOTES:


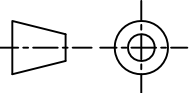
1. THIS PRODUCT IS DESIGNED TO TERMINATE A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
2. FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-004.
3. ADAPTER TO BE PERMANENTLY MARKED WITH CODE IDENT. NO. AND PART NO. (E.G.: 06090-203M212-19A08).
- ④ FOR LARGER ENTRY SIZES, A 2 PIECE ADAPTER (TYPE II) IS SUPPLIED.
- ⑤ BRAID TERMINATION RING MAY BE SUPPLIED AS TINEL-LOCK SHAPE MEMORY RING AT MANUFACTURER'S OPTION.
- ⑥ ADAPTER MATES TO MIL-C-81703, SERIES III, MS3424, MS3446, MS3464, MS3467, MS3468, CLASS E & L.
- ⑦ ADAPTER MATES TO MIL-C-5015G, MS3400 SERIES, CLASS D, E, K, L, U & W: MS3400, MS3401, MS3404, MS3406, MS3450, MS3451, MS3454, MS3456, MS3470, MS3471, MS3472, MS3474, MS3475, MS3476. MIL-C-83723, SERIES II, CLASS A & L. MIL-C-83723, SERIES I & III, CLASS A, G, K, R & S: M83723/1, /2, /3, /4, /5, /6, /7, /8, /13, /14, /36, /37, /38, /40, /41, /42, /43, /48, /49, /65, /66, /67, /68, /69, /70, /71, /72, /73, /74, /75, /76, /77, /78, /82, /83, /84, /85, /86, /87, /91, /92, /95, /97, /98 (MS3155 CONTROLLED INTERFACE).
- ⑧ WHEN "L" MODIFICATION IS SPECIFIED, COUPLING NUT SHALL HAVE 3 LOCK WIRE HOLES, 120° APART.

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|  |                            |   |  |                          |                     |
|--|----------------------------|---|--|--------------------------|---------------------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES.<br>METRIC DIMENSIONS ARE<br>IN BRACKETS. | DRAWN<br>R. RAMIREZ        | DATE<br>03-19-93  |  | TE Connectivity          |                     |
|  | CHECKED                    | DATE  |  |                          |                     |
| DIMENSIONING AND TOLERANCING<br>PER ASME Y14.5M (ISO STANDARDS)                                  | APPROVED<br>W. C. GAY      | DATE<br>05-19-93  | TITLE<br>ADAPTER, SHIELD, 90°<br>CODE 54   |                          |                     |
|  | APPROVED                   | DATE  |  |                          |                     |
| DECIMALS<br>.XXX ± — [ mm]<br>.XX ± — [ mm]<br>.X ± — [ mm]                                      | CAD NAME<br>203M2XX_P1.dwg |   | SIZE<br>A  | CODE IDENT. NO.<br>06090 | DWG. NO.<br>203M2XX |
| ANGLES<br>.X ± —   | THIRD ANGLE<br>PROJECTION  |  | REV<br>P1  | DO NOT SCALE THIS DWG    |                     |
|  |                            |   | SHEET 1 OF 4   |                          |                     |

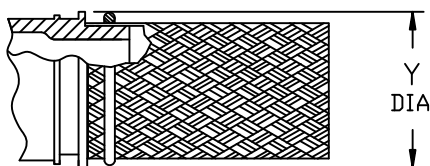
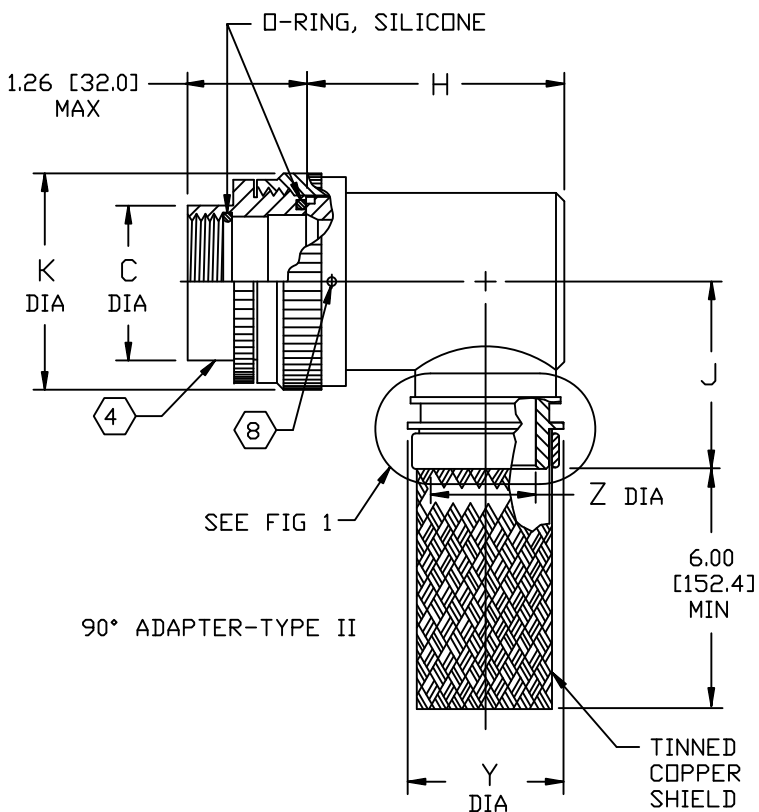
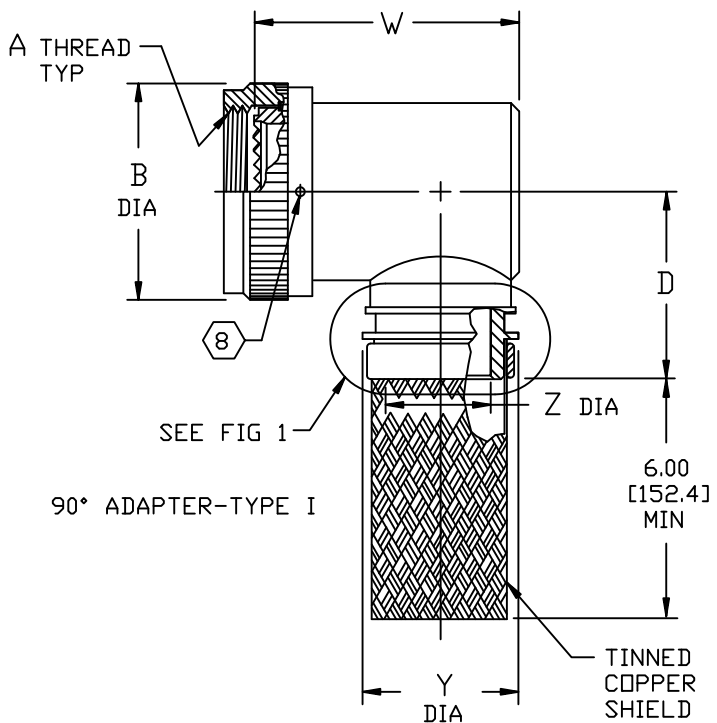


FIG 1 (5)

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| SIZE                  | CODE IDENT. NO. | DWG. NO.                  | REV          |
|-----------------------|-----------------|---------------------------|--------------|
| A                     | 06090           | 203M2XX                   | P1           |
| DO NOT SCALE THIS DWG |                 | CAD NAME 203M2XX_P1-2.dwg | SHEET 2 OF 4 |

TABLE I

| BASE<br>PART<br>NO. | SHELL SIZE  |   | MAX<br>ENTRY<br>SIZE<br>TYPE I <span style="border: 1px solid black; padding: 0 2px;">4</span> | A<br>THREAD<br>CLASS 2B | B<br>DIA<br>MAX  | C<br>MAX         | D<br>MAX       |
|---------------------|---|---|--|-------------------------|------------------|------------------|----------------|
|                     | <span style="border: 1px solid black; padding: 0 2px;">6</span> | <span style="border: 1px solid black; padding: 0 2px;">7</span> |  |                         |                  |                  |                |
| 203M203             | 3   |   | 04   | .562-24 UNEF            | .669<br>[16.99]  | .695<br>[17.65]  | 1.13<br>[28.7] |
| 203M208             |   | 8 & 8S  | 04   | .500-20 UNF             | .617<br>[15.67]  | .630<br>[16.00]  | 1.10<br>[27.9] |
| 203M210             |   | 10, 10S<br>& 10SL   | 05   | .625-24 UNEF            | .734<br>[18.64]  | .757<br>[19.23]  | 1.16<br>[29.5] |
| 203M212             | 7   | 12 & 12S  | 08   | .750-20 UNEF            | .858<br>[21.79]  | .882<br>[22.40]  | 1.22<br>[31.0] |
| 203M214             | 12  | 14 & 14S  | 09   | .875-20 UNEF            | .984<br>[24.99]  | 1.007<br>[25.58] | 1.28<br>[32.5] |
| 203M216             | 19  | 16 & 16S  | 11   | 1.000-20 UNEF           | 1.112<br>[28.24] | 1.132<br>[28.75] | 1.35<br>[34.3] |
| 203M218             | 27  | 18  | 12   | 1.062-18 UNEF           | 1.218<br>[30.94] | 1.218<br>[30.94] | 1.40<br>[35.6] |
| 203M220             | 37  | 20  | 14   | 1.188-18 UNEF           | 1.345<br>[34.16] | 1.345<br>[34.16] | 1.46<br>[37.1] |
| 203M222             |   | 22  | 16   | 1.312-18 UNEF           | 1.468<br>[37.29] | 1.468<br>[37.29] | 1.53<br>[38.9] |
| 203M224             |   | 24  | 18   | 1.438-18 UNEF           | 1.593<br>[40.46] | 1.593<br>[40.46] | 1.59<br>[40.4] |
| 203M228             |   | 28  | 22   | 1.750-18 UNS            | 1.969<br>[50.01] | 1.969<br>[50.01] | 1.78<br>[45.2] |
| 203M232             |   | 32  | 24   | 2.000-18 UNS            | 2.219<br>[56.36] | 2.219<br>[56.36] | 1.90<br>[48.3] |
| 203M236             |   | 36  | 28   | 2.250-16 UN             | 2.469<br>[62.71] | 2.469<br>[62.71] | 2.03<br>[51.6] |
| 203M240             |   | 40  | 28   | 2.500-16 UN             | 2.719<br>[69.06] | 2.719<br>[69.06] | 2.15<br>[54.6] |
| 203M244             |   | 44  | 28   | 2.750-16 UN             | 2.969<br>[75.41] | 2.969<br>[75.41] | 2.28<br>[57.9] |
| 203M248             |   | 48  | 28   | 3.000-16 UN             | 3.219<br>[81.76] | 3.219<br>[81.76] | 2.40<br>[61.0] |
| 203M261             | 61  |   | 18   | 1.500-18 UNEF           | 1.653<br>[41.99] | 1.653<br>[41.99] | 1.62<br>[41.1] |

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|                       |                           |          |              |
|-----------------------|---------------------------|----------|--------------|
| SIZE                  | CODE IDENT. NO.           | DWG. NO. | REV          |
| A                     | 06090                     | 203M2XX  | P1           |
| DO NOT SCALE THIS DWG | CAD NAME 203M2XX_P1-3.dwg |          | SHEET 3 OF 4 |

TABLE II

| ENTRY<br>SIZE | K<br>MAX       | Z<br>±.020<br>[±0.51] | Y<br>DIA<br>MIN  | J<br>MAX       | W<br>MAX       | H<br>MAX       |
|---------------|----------------|-----------------------|------------------|----------------|----------------|----------------|
| 03            | NA             | .187<br>[4.75]        | .393<br>[9.98]   | NA             | 1.12<br>[28.4] | NA             |
| 04            | NA             | .250<br>[6.35]        | .456<br>[11.58]  | NA             | 1.12<br>[28.4] | NA             |
| 05            | .80<br>[20.3]  | .312<br>[7.92]        | .515<br>[13.08]  | 1.16<br>[29.5] | 1.19<br>[30.2] | 1.19<br>[30.2] |
| 06            | .80<br>[20.3]  | .375<br>[9.53]        | .581<br>[14.76]  | 1.16<br>[29.5] | 1.25<br>[31.8] | 1.19<br>[30.2] |
| 07            | .92<br>[23.4]  | .438<br>[11.13]       | .643<br>[16.33]  | 1.22<br>[31.0] | 1.31<br>[33.3] | 1.38<br>[35.1] |
| 08            | .92<br>[23.4]  | .500<br>[12.70]       | .705<br>[17.91]  | 1.22<br>[31.0] | 1.38<br>[35.1] | 1.38<br>[35.1] |
| 09            | 1.18<br>[30.0] | .562<br>[14.27]       | .705<br>[17.91]  | 1.35<br>[34.3] | 1.50<br>[38.1] | 1.51<br>[38.4] |
| 10            | 1.18<br>[30.0] | .625<br>[15.88]       | .831<br>[21.11]  | 1.35<br>[34.3] | 1.50<br>[38.1] | 1.51<br>[38.4] |
| 11            | 1.18<br>[30.0] | .688<br>[17.48]       | .893<br>[22.68]  | 1.40<br>[35.6] | 1.62<br>[41.1] | 1.63<br>[41.4] |
| 12            | 1.35<br>[34.3] | .750<br>[19.05]       | .953<br>[24.21]  | 1.40<br>[35.6] | 1.62<br>[41.1] | 1.63<br>[41.4] |
| 13            | 1.41<br>[35.8] | .812<br>[20.62]       | .953<br>[24.21]  | 1.46<br>[37.1] | 1.75<br>[44.5] | 1.78<br>[45.2] |
| 14            | 1.41<br>[35.8] | .875<br>[22.23]       | 1.081<br>[27.46] | 1.46<br>[37.1] | 1.75<br>[44.5] | 1.78<br>[45.2] |
| 15            | 1.60<br>[40.6] | .938<br>[23.83]       | 1.143<br>[29.03] | 1.53<br>[38.9] | 1.88<br>[47.8] | 1.88<br>[47.8] |
| 16            | 1.60<br>[40.6] | 1.000<br>[25.40]      | 1.205<br>[30.61] | 1.53<br>[38.9] | 1.88<br>[47.8] | 1.88<br>[47.8] |
| 18            | 1.66<br>[42.2] | 1.125<br>[28.58]      | 1.381<br>[35.08] | 1.59<br>[40.4] | 2.00<br>[50.8] | 2.01<br>[51.1] |
| 20            | 2.04<br>[51.8] | 1.250<br>[31.75]      | 1.506<br>[38.25] | 1.78<br>[45.2] | 2.12<br>[53.8] | 2.13<br>[54.1] |
| 22            | 2.23<br>[56.6] | 1.375<br>[34.93]      | 1.631<br>[41.43] | 1.85<br>[47.0] | 2.24<br>[56.9] | 2.29<br>[58.2] |
| 24            | 2.23<br>[56.6] | 1.500<br>[38.10]      | 1.756<br>[44.60] | 1.92<br>[48.8] | 2.36<br>[59.9] | 2.42<br>[61.5] |
| 28            | 2.48<br>[63.0] | 1.750<br>[44.45]      | 2.004<br>[50.90] | 2.17<br>[55.1] | 2.60<br>[66.0] | 2.67<br>[67.8] |

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|                       |                           |              |     |
|-----------------------|---------------------------|--------------|-----|
| SIZE                  | CODE IDENT. NO.           | DWG. NO.     | REV |
| A                     | 06090                     | 203M2XX      | P1  |
| DO NOT SCALE THIS DWG | CAD NAME 203M2XX_P1-4.dwg | SHEET 4 OF 4 |     |