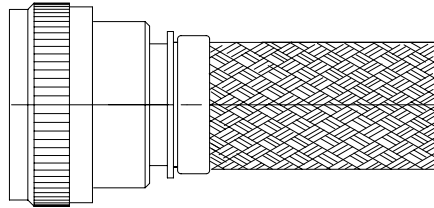


| REVISIONS |                       |      |          |
|-----------|-----------------------|------|----------|
| LTR       | DESCRIPTION           | DATE | APPROVED |
| M         | REVISED PER ECN AD930 |      |          |



## CODE 41, SHIELDED STRAIGHT ADAPTER

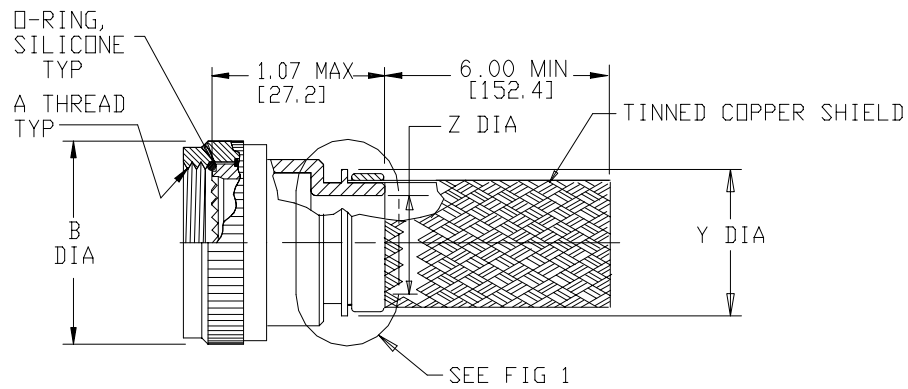
### NOTES:

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.: 06090-204M012-19B08).
- 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-38999 SERIES I & II, CLASS E & T, MS27466, MS27467, MS27468, MS27472, MS27473, MS27474, MS27479, MS27480, MS27481, MS27484, MS27497, MS27652, MS27653, MS27654, MS27656 CONNECTORS.

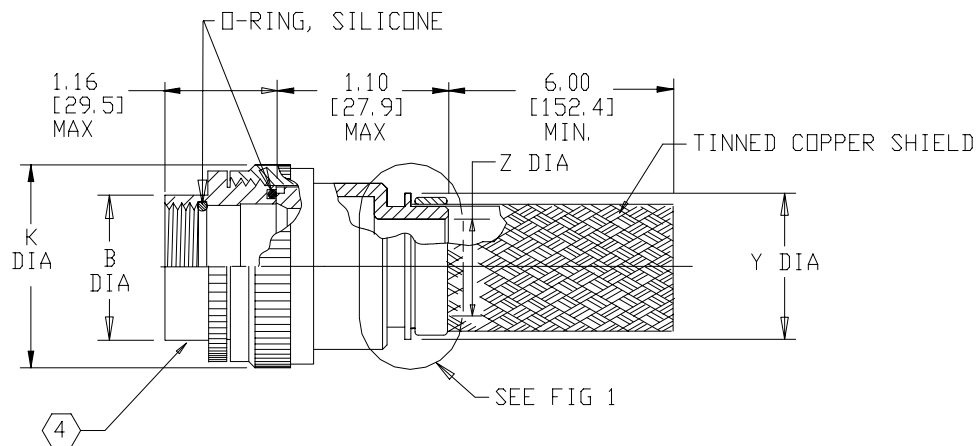
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### SPECIFICATION CONTROL DRAWING

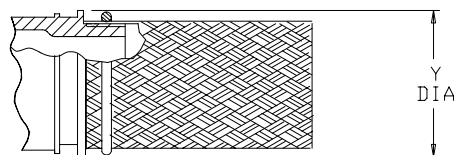
|                                                                                                                                                                                             |                           |                  |                                                   |                                                                                        |                     |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------|---------------------------------------------------|----------------------------------------------------------------------------------------|---------------------|----------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES.<br>METRIC DIMENSIONS ARE<br>IN BRACKETS.<br><br>DECIMALS<br>.XXX ± — [ mm]<br>.XX ± — [ mm]<br>.X ± — [ mm]<br><br>ANGLES<br>.X ± — | DRAWN<br>R. RAMIREZ       | DATE<br>03-19-93 | <b>tyco</b><br><b>Electronics</b>                 | Tyco Electronics Corporation<br>300 Constitution Drive<br>Menlo Park, CA. 94025 U.S.A. | <b>Raychem</b>      |          |
|                                                                                                                                                                                             | CHECKED                   | DATE             |                                                   |                                                                                        |                     |          |
|                                                                                                                                                                                             | APPROVED<br>W. C. GAY     | DATE<br>05-19-93 | TITLE<br><br>ADAPTER, SHIELD, STRAIGHT<br>CODE 41 |                                                                                        |                     |          |
|                                                                                                                                                                                             | APPROVED                  | DATE             |                                                   |                                                                                        |                     |          |
|                                                                                                                                                                                             | CAD NAME \ACAD12\204M0XX  |                  | SIZE<br>A                                         | CODE IDENT. NO.<br>06090                                                               | DWG. NO.<br>204M0XX | REV<br>M |
|                                                                                                                                                                                             | THIRD ANGLE<br>PROJECTION |                  | DO NOT SCALE THIS DWG                             |                                                                                        |                     |          |



STRAIGHT ADAPTER-TYPE I



STRAIGHT ADAPTER-TYPE II



TINEL-LOCK TERMINATION

FIG 1 5

TABLE I

| BASE<br>PART<br>NO. | SHELL SIZE  |       | MAX<br>ENTRY<br>SIZE<br>TYPE I  | A<br>THREAD<br>CLASS 2B | B<br>DIA<br>MAX |
|---------------------|----------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------|
|                     | SER 1                                                                                        | SER 2 |                                                                                                                  |                         |                 |
| 204M008             | 9                                                                                            | 8     | 04                                                                                                               | .438-28 UNEF            | .750<br>[19.1]  |
| 204M010             | 11                                                                                           | 10    | 06                                                                                                               | .562-24 UNEF            | .850<br>[21.6]  |
| 204M012             | 13                                                                                           | 12    | 08                                                                                                               | .688-24 UNEF            | 1.000<br>[25.4] |
| 204M014             | 15                                                                                           | 14    | 10                                                                                                               | .812-20 UNEF            | 1.100<br>[27.9] |
| 204M016             | 17                                                                                           | 16    | 12                                                                                                               | .938-20 UNEF            | 1.250<br>[31.8] |
| 204M018             | 19                                                                                           | 18    | 13                                                                                                               | 1.062-18 UNEF           | 1.400<br>[35.6] |
| 204M020             | 21                                                                                           | 20    | 15                                                                                                               | 1.188-18 UNEF           | 1.500<br>[38.1] |
| 204M022             | 23                                                                                           | 22    | 16                                                                                                               | 1.312-18 UNEF           | 1.650<br>[41.9] |
| 204M024             | 25                                                                                           | 24    | 18                                                                                                               | 1.438-18 UNEF           | 1.750<br>[44.5] |

TABLE II

| ENTRY<br>SIZE | K<br>MAX       | Z<br>±.020<br>[±0.51] | Y<br>DIA<br>MIN  |
|---------------|----------------|-----------------------|------------------|
| 03            | NA             | .187<br>[4.75]        | .393<br>[9.98]   |
| 04            | NA             | .250<br>[6.35]        | .456<br>[11.58]  |
| 05            | .80<br>[20.3]  | .312<br>[7.92]        | .515<br>[13.08]  |
| 06            | .80<br>[20.3]  | .375<br>[9.53]        | .581<br>[14.76]  |
| 07            | .92<br>[23.4]  | .438<br>[11.13]       | .643<br>[16.33]  |
| 08            | .92<br>[23.4]  | .500<br>[12.70]       | .705<br>[17.91]  |
| 09            | 1.18<br>[30.0] | .562<br>[14.27]       | .705<br>[17.91]  |
| 10            | 1.18<br>[30.0] | .625<br>[15.88]       | .831<br>[21.11]  |
| 11            | 1.18<br>[30.0] | .688<br>[17.48]       | .893<br>[22.68]  |
| 12            | 1.35<br>[34.3] | .750<br>[19.05]       | .953<br>[24.21]  |
| 13            | 1.41<br>[35.8] | .812<br>[20.62]       | .953<br>[24.21]  |
| 14            | 1.41<br>[35.8] | .875<br>[22.23]       | 1.081<br>[27.46] |
| 15            | 1.60<br>[40.6] | .938<br>[23.83]       | 1.143<br>[29.03] |
| 16            | 1.60<br>[40.6] | 1.000<br>[25.40]      | 1.205<br>[30.61] |
| 18            | 1.66<br>[42.2] | 1.125<br>[28.58]      | 1.381<br>[35.08] |
| 20            | 2.04<br>[51.8] | 1.250<br>[31.75]      | 1.506<br>[38.25] |
| 22            | 2.23<br>[56.6] | 1.375<br>[34.93]      | 1.631<br>[41.43] |
| 24            | 2.23<br>[56.6] | 1.500<br>[38.10]      | 1.756<br>[44.60] |
| 28            | 2.48<br>[63.0] | 1.750<br>[44.45]      | 2.004<br>[50.90] |

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|                       |       |                           |          |              |
|-----------------------|-------|---------------------------|----------|--------------|
| SIZE                  | CODE  | IDENT. NO.                | DWG. NO. | REV          |
| A                     | 06090 |                           | 204M0XX  | M            |
| DO NOT SCALE THIS DWG |       | CAD NAME \ACAD12\204M0X-3 |          | SHEET 3 OF 3 |