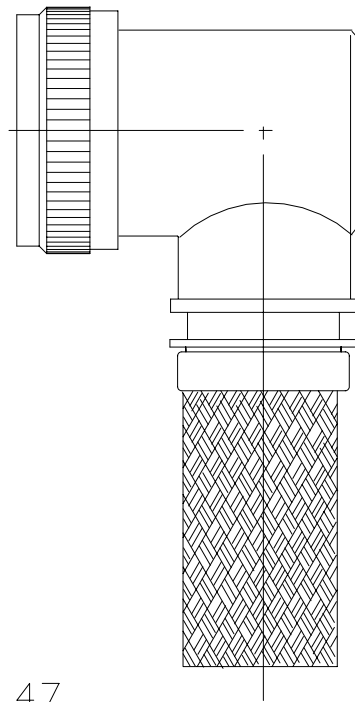


| REVISIONS |                         |      |          |
|-----------|-------------------------|------|----------|
| LTR       | DESCRIPTION             | DATE | APPROVED |
| G         | REVISED PER ECN AD93095 |      |          |



CODE 47,  
SHIELDED 90° ADAPTER

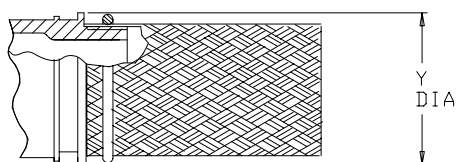
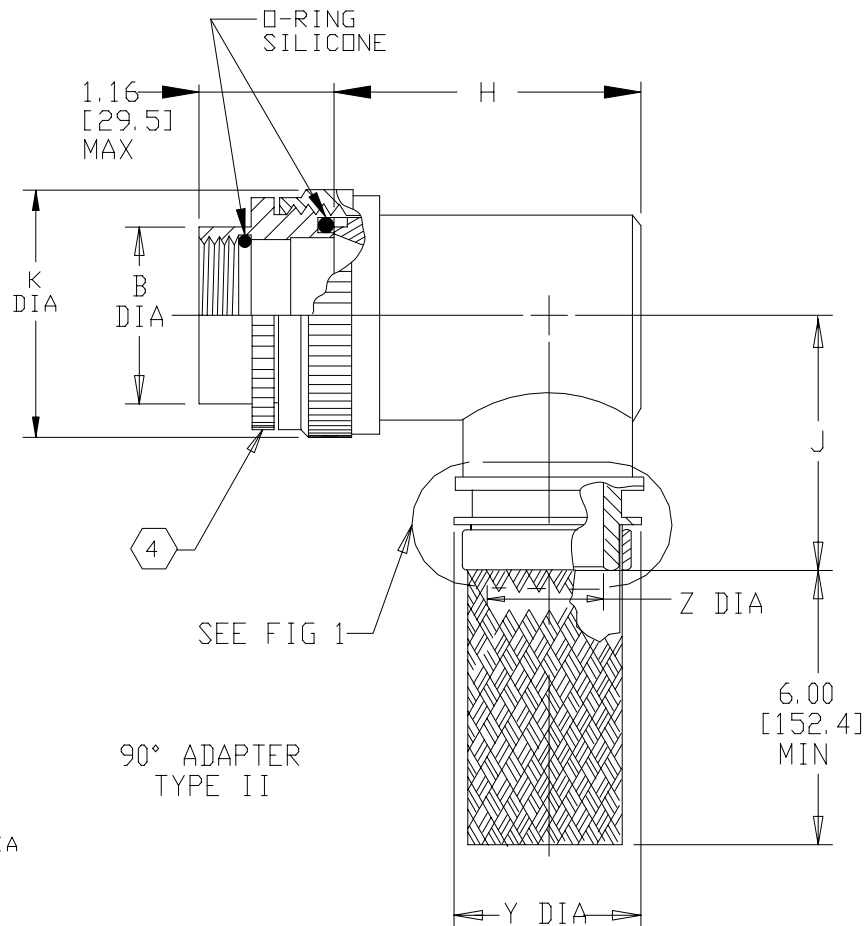
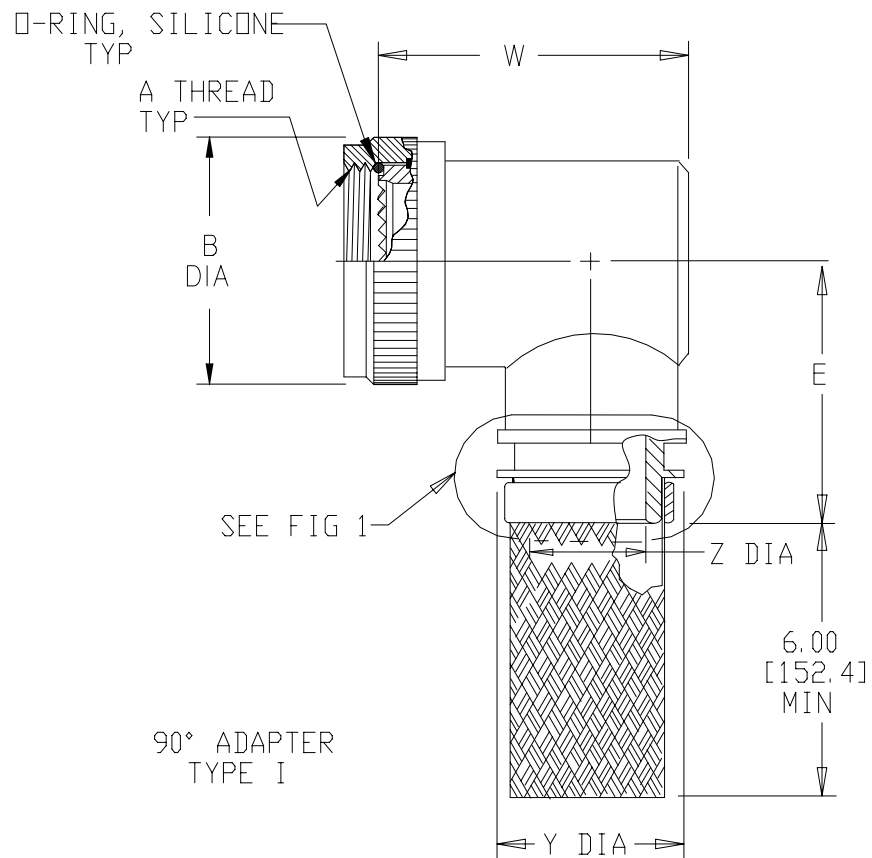
#### NOTES:

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.: 06090-210M212-19B06).
- 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 BENDIX SJT COMMERCIAL SERIES 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>J. BITTER        | DATE<br>08-04-93 | <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             | TITLE<br><br>ADAPTER, SHIELD 90°<br>CODE 47 |  |                     |          |
|   | APPROVED                  | DATE             |   |  |                     |          |
|   | APPROVED                  | DATE             |   |  |                     |          |
|   | CAD NAME \ACAD12\210M2XX  |                  |   |  |                     |          |
|   | THIRD ANGLE<br>PROJECTION |                  | SIZE<br>A                                   | CODE IDENT. NO.<br>06090   | DWG. NO.<br>210M2XX | REV<br>G |
|   |                           |                  | DO NOT SCALE THIS DWG. SHEET 1 OF 3         |  |                     |          |

FIG 1 5

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| SIZE                  | CODE  | IDENT. NO.                             | DWG. NO. | REV |
|-----------------------|-------|--|----------|-----|
| A                     | 06090 | 210M2XX                                | G        |     |
| DO NOT SCALE THIS DWG |       | CAD NAME \ACAD12\210M2X-2 SHEET 2 OF 3 |          |     |

TABLE I

| BASE<br>PART<br>NO. | SHELL<br>SIZE<br>6 | MAX<br>ENTRY<br>SIZE<br>TYPE I<br>4 | A<br>THREAD<br>CLASS 2B | B<br>DIA<br>MAX  | E<br>MAX       |
|---------------------|--------------------|-------------------------------------|-------------------------|------------------|----------------|
| 210M208             | 8                  | 04                                  | .438-28 UNEF            | .719<br>[18.27]  | 1.15<br>[29.2] |
| 210M210             | 10                 | 06                                  | .562-24 UNEF            | .844<br>[21.44]  | 1.21<br>[30.7] |
| 210M212             | 12                 | 08                                  | .688-24 UNEF            | .969<br>[24.61]  | 1.28<br>[32.5] |
| 210M214             | 14                 | 10                                  | .812-20 UNEF            | 1.094<br>[27.79] | 1.34<br>[34.0] |
| 210M216             | 16                 | 12                                  | .938-20 UNEF            | 1.219<br>[30.96] | 1.40<br>[35.6] |
| 210M218             | 18                 | 13                                  | 1.062-18 UNEF           | 1.344<br>[34.14] | 1.46<br>[37.1] |
| 210M220             | 20                 | 15                                  | 1.188-18 UNEF           | 1.469<br>[37.31] | 1.53<br>[38.9] |
| 210M222             | 22                 | 16                                  | 1.312-18 UNEF           | 1.594<br>[40.49] | 1.59<br>[40.4] |
| 210M224             | 24                 | 18                                  | 1.438-18 UNEF           | 1.719<br>[43.66] | 1.65<br>[41.9] |

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             | 1.07<br>[27.2] | NA             |
| 04            | NA             | .250<br>[6.35]        | .456<br>[11.58]  | NA             | 1.07<br>[27.2] | NA             |
| 05            | .80<br>[20.3]  | .312<br>[7.92]        | .515<br>[13.08]  | 1.16<br>[29.5] | 1.13<br>[28.7] | 1.19<br>[30.2] |
| 06            | .80<br>[20.3]  | .375<br>[9.53]        | .581<br>[14.76]  | 1.16<br>[29.5] | 1.19<br>[30.2] | 1.19<br>[30.2] |
| 07            | .92<br>[23.4]  | .438<br>[11.13]       | .643<br>[16.33]  | 1.22<br>[31.0] | 1.25<br>[31.8] | 1.38<br>[35.1] |
| 08            | .92<br>[23.4]  | .500<br>[12.70]       | .705<br>[17.91]  | 1.22<br>[31.0] | 1.32<br>[33.5] | 1.38<br>[35.1] |
| 09            | 1.18<br>[30.0] | .562<br>[14.27]       | .705<br>[17.91]  | 1.35<br>[34.3] | 1.44<br>[36.6] | 1.51<br>[38.4] |
| 10            | 1.18<br>[30.0] | .625<br>[15.88]       | .831<br>[21.11]  | 1.35<br>[34.3] | 1.44<br>[36.6] | 1.51<br>[38.4] |
| 11            | 1.18<br>[30.0] | .688<br>[17.48]       | .893<br>[22.68]  | 1.40<br>[35.6] | 1.57<br>[39.9] | 1.63<br>[41.4] |
| 12            | 1.35<br>[34.3] | .750<br>[19.05]       | .953<br>[24.21]  | 1.40<br>[35.6] | 1.57<br>[39.9] | 1.63<br>[41.4] |
| 13            | 1.41<br>[35.8] | .812<br>[20.62]       | .953<br>[24.21]  | 1.46<br>[37.1] | 1.69<br>[42.9] | 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] | 1.69<br>[42.9] | 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] | 1.82<br>[46.2] | 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] | 1.82<br>[46.2] | 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] | 1.94<br>[49.3] | 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] | NA             | 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] | NA             | 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] | NA             | 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] | NA             | 2.67<br>[67.8] |

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|                       |       |                           |          |              |
|-----------------------|-------|---------------------------|----------|--------------|
| SIZE                  | CODE  | IDENT. NO.                | DWG. NO. | REV          |
| A                     | 06090 |                           | 210M2XX  | G            |
| DO NOT SCALE THIS DWG |       | CAD NAME \ACAD12\210M2X-3 |          | SHEET 3 OF 3 |

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