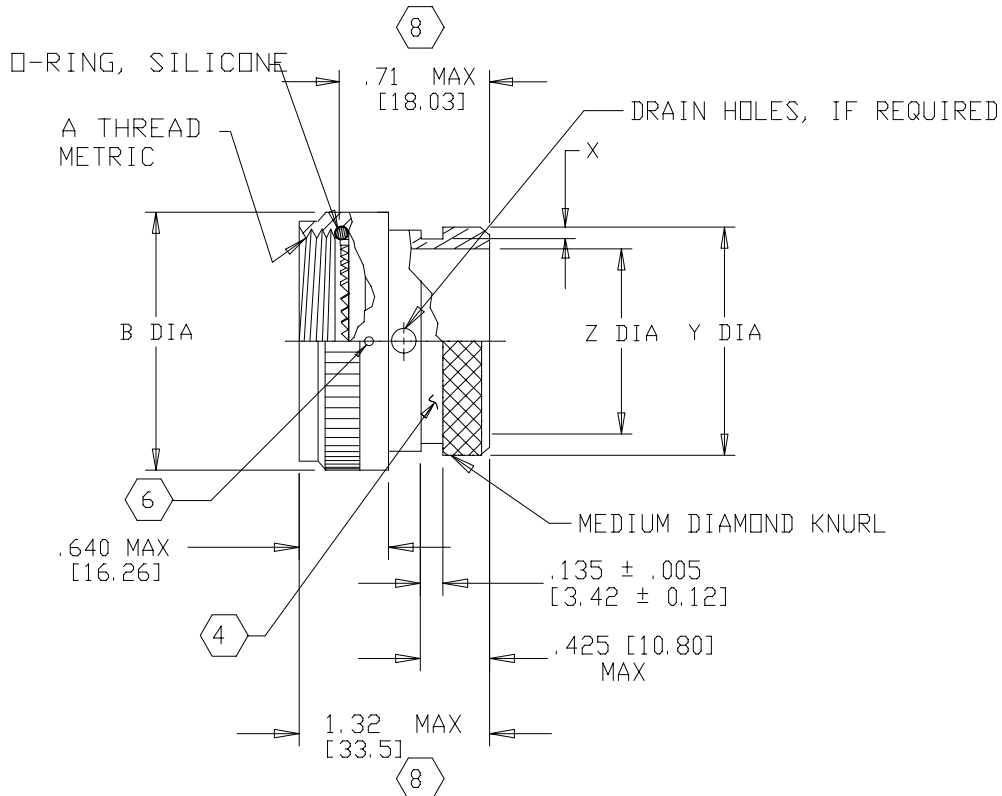


| REVISIONS |                         |         |          |
|-----------|-------------------------|---------|----------|
| LTR       | DESCRIPTION             | DATE    | APPROVED |
| G         | REVISED PER ECN AD94023 | 8/31/94 | W.C.GAY  |



#### NOTES:

- THIS PRODUCT IS DESIGNED TO TERMINATE A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-004.
- ADAPTER TO BE PERMANENTLY MARKED WITH CODE IDENT. NO. AND PART NO. (E.G.: 06090-209M412-19B).
- KNURL INSIDE BOOT GROOVE MAY BE SUPPLIED AT MANUFACTURER'S OPTION.
- ADAPTER MATES TO MIL-C-38999 SERIES III & IV, CLASS C, F, K, AND W, D38999/20, /24, /26, /40, /46, /47, CONNECTORS AND WHEN SO MATED SHALL PROVIDE A WATER-TIGHT SEAL MEETING THE REQUIREMENTS OF MIL-C-85049, PAR. 3.5.7.
- COUPLING NUT SHALL HAVE 3 LOCK WIRE HOLES, 120° APART.
- THIS IS A FUNCTIONAL EQUIVALENT OF MIL-C-85049/69.
- WHEN GROUNDING SCREW MODIFICATION IS ORDERED .71 MAX BECOMES 1.07 MAX AND 1.32 MAX BECOMES 1.70 MAX.

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#### SPECIFICATION CONTROL DRAWING

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
METRIC DIMENSIONS ARE  
IN BRACKETS.

#### DECIMALS

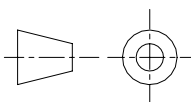
.XXX ± — [ mm]  
.XX ± — [ mm]  
.X ± — [ mm]

#### ANGLES

.X ± —

|                              |                  |
|------------------------------|------------------|
| DRAWN<br>R. RAMIREZ          | DATE<br>03-19-93 |
| CHECKED                      | DATE             |
| APPROVED                     | DATE             |
| APPROVED<br>W.C. GAY         | DATE<br>08-31-94 |
| CAD NAME<br>\\ACAD12\209M4XX |                  |

THIRD ANGLE  
PROJECTION



**tyco**  
**Electronics**

Tyco Electronics Corporation  
300 Constitution Drive  
Menlo Park, CA. 94025 U.S.A.

**Raychem**

#### TITLE

ADAPTER, SPIN COUPLING  
CODE 40

| SIZE                  | CODE IDENT. NO. | DWG. NO.     | REV |
|-----------------------|-----------------|--------------|-----|
| A                     | 06090           | 209M4XX      | G   |
| DO NOT SCALE THIS DWG |                 | SHEET 1 OF 2 |     |

| BASE PART<br>NUMBER | SHELL SIZE<br> |     | A<br>METRIC THREAD<br>CLASS 6H | B<br>DIA<br>MAX  | X<br>+.008<br>-.000<br>[+.0, .20]<br>[-0.00] | Y<br>DIA<br>MAX  | Z<br>DIA<br>MIN  |
|---------------------|-------------------------------------------------------------------------------------------------|-----|--------------------------------|------------------|----------------------------------------------|------------------|------------------|
|                     | COML                                                                                            | MIL |                                |                  |                                              |                  |                  |
| 209M408             | 9                                                                                               | A   | M12 X 1.0                      | .750<br>[19.05]  | .044<br>[1.12]                               | .533<br>[13.54]  | .250<br>[6.35]   |
| 209M410             | 11                                                                                              | B   | M15 X 1.0                      | .850<br>[21.59]  | ↑                                            | .605<br>[15.37]  | .375<br>[9.52]   |
| 209M412             | 13                                                                                              | C   | M18 X 1.0                      | 1.000<br>[25.40] |                                              | .774<br>[19.66]  | .500<br>[12.70]  |
| 209M414             | 15                                                                                              | D   | M22 X 1.0                      | 1.150<br>[29.2]  |                                              | .838<br>[21.29]  | .620<br>[15.75]  |
| 209M416             | 17                                                                                              | E   | M25 X 1.0                      | 1.250<br>[31.75] | ↓                                            | .963<br>[24.46]  | .745<br>[18.92]  |
| 209M418             | 19                                                                                              | F   | M28 X 1.0                      | 1.400<br>[35.56] | .044<br>[1.12]                               | 1.042<br>[26.47] | .812<br>[20.62]  |
| 209M420             | 21                                                                                              | G   | M31 X 1.0                      | 1.500<br>[38.10] | .069<br>[1.75]                               | 1.217<br>[30.91] | .937<br>[23.80]  |
| 209M422             | 23                                                                                              | H   | M34 X 1.0                      | 1.650<br>[41.91] | .069<br>[1.75]                               | 1.355<br>[34.42] | 1.062<br>[26.97] |
| 209M424             | 25                                                                                              | J   | M37 X 1.0                      | 1.750<br>[44.45] | .069<br>[1.75]                               | 1.443<br>[36.65] | 1.175<br>[29.85] |

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|                       |                 |                                        |     |
|-----------------------|-----------------|----------------------------------------|-----|
| SIZE                  | CODE IDENT. NO. | DWG. NO.                               | REV |
| A                     | 06090           | 209M4XX                                | G   |
| DO NOT SCALE THIS DWG |                 | CAD NAME \ACAD12\209M4X-2 SHEET 2 OF 2 |     |