

| PART NO.   | MS NO. REF  | THREAD REF     | A DIA $\pm .010$  | B DIA $\pm .031$ | C $\pm .031$ | E DIA REF. | TYPE | RELEASE  |
|------------|-------------|----------------|-------------------|------------------|--------------|------------|------|----------|
| 10-70500-4 |             | .2500-28UNF-2B |                   |                  | .312         |            | I    | 24711-9  |
| -5         |             | .3125-24UNF-2B |                   |                  | .375         |            | I    |          |
| -6         |             | .3750-24UNF-2B |                   |                  | .375         |            | I    |          |
| -7         |             | .4375-20UNF-2B |                   |                  | .375         |            | I    |          |
| -8         | MS90376-8R  | .5000-28       | .480              | .740             | .500         | .540       | II   |          |
| -9         | MS90376-9R  | .5625-20       | .562              | .780             | .440         | .610       | II   |          |
| -10        | MS90376-10R | .6250-24       | .605              | .840             | .500         | .665       | II   |          |
| -11        |             | .6875-24       | .668              | .938             | .250         |            | II   | 32535-44 |
| -12        | MS90376-12R | .7500-20       | .720              | .970             | .500         | .775       | II   | 24711-9  |
| -14        | MS90376-14R | .8750-20       | .850              | 1.125            | .500         | .905       | II   |          |
|            |             | .9375-18UNS-2  | USE DWG 10-24889Y |                  |              |            |      |          |
| -16        | MS90376-16R | 1.0000-20      | .973              | 1.220            | .500         | 1.035      | II   |          |
| -18        | MS90376-18R | 1.1250-18      | 1.093             | 1.330            | .562         | 1.155      | II   |          |
| -19        |             | 1.1875-18      | 1.168             | 1.438            | .562         |            | II   |          |
| -20        | MS90376-20R | 1.2500-18      | 1.231             | 1.465            | .562         | 1.301      | II   |          |
| -22        | MS90376-22R | 1.3700-18      | 1.340             | 1.590            | .562         | 1.410      | II   |          |
| -23        |             | 1.4375-18      | 1.408             | 1.688            | .562         | 1.468      | II   | 29173-1  |
| -24        | MS90376-24R | 1.5000-18      | 1.463             | 1.700            | .562         | 1.533      | II   | 24711-9  |
| -28        | MS90376-28R | 1.7500-18      | 1.715             | 1.950            | .562         | 1.790      | II   |          |
| -32        | MS90376-32R | 2.0000-18      | 1.965             | 2.220            | .562         | 2.040      | II   |          |
| -34        |             | 2.3125-16      |                   | 2.562            | .562         |            | II   | 32535-44 |
| -35        |             | 2.3750-16      |                   | 2.625            | .687         |            | II   |          |
| -36        | MS90376-36R | 2.2500-16      | 2.215             | 2.435            | .600         | 2.290      | II   | 24711-9  |
| -40        | MS90376-40R | 2.5000-16      | 2.440             | 2.660            |              | 2.530      | II   |          |
| -44        | MS90376-44R | 2.7500-16      | 2.720             | 2.960            |              | 2.812      | II   |          |
| -48        | MS90376-48R | 3.0000-16      | 2.960             | 3.225            |              | 3.050      | II   |          |

# NOTES APPLICABLE TO TYPE I

5. SUGGESTED SOURCE OF SUPPLY  
CLOVER INDUSTRIES, INC.  
TONAWANDA, N.Y.

4. ENGINEERING SOURCE APPROVAL REQUIRED.

3. TRADE MARK WILL NOT APPEAR  
ON SIZE 10 AND SMALLER.

2. FULL THREAD, PORTION OF THREAD,  
OR PROJECTIONS TO ENGAGE FREELY  
WITH A CLASS 2B "GO" THREAD GAGE  
FOR THE SPECIFIED THREAD.

1. (OPTIONAL IDENTIFICATION) THE  
SUFFIX OF THE BASIC PART NO.  
TO APPEAR ON SURFACE SO  
INDICATED.

NOTES: REF SYMBOL

# NOTES APPLICABLE TO TYPE II

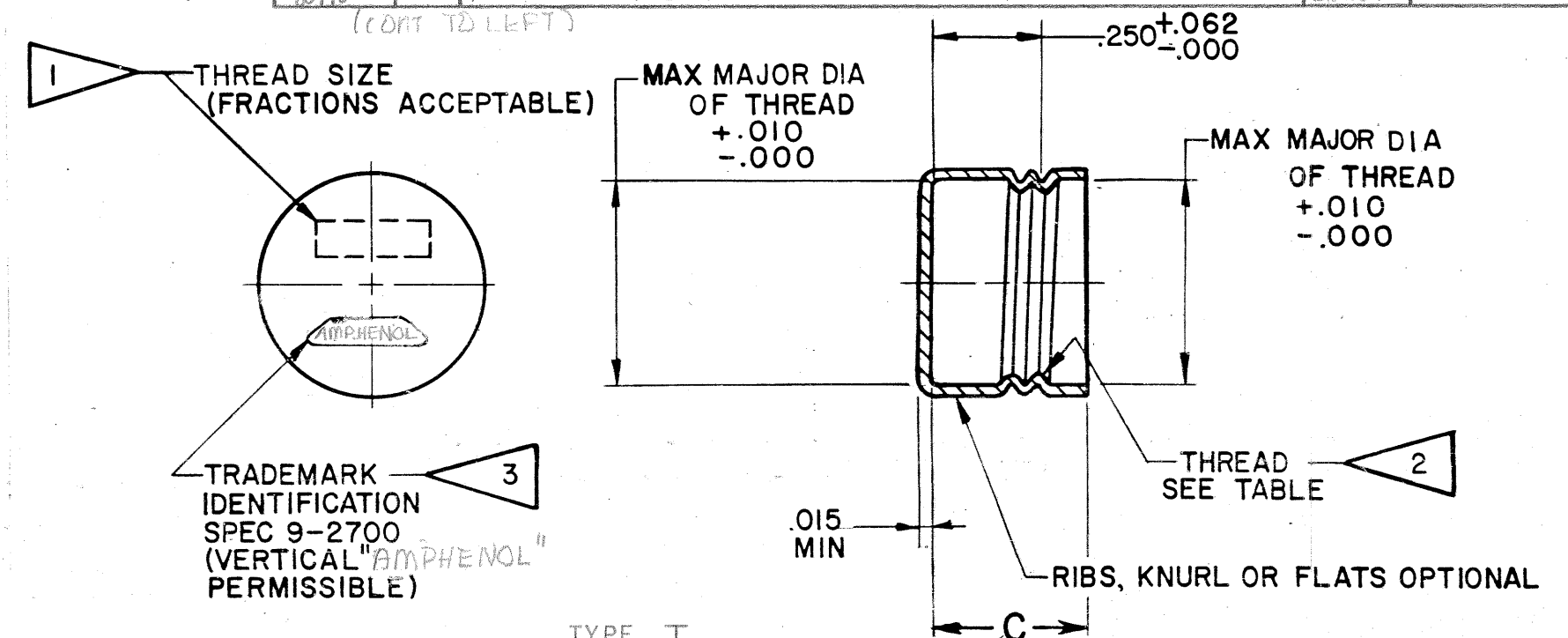
2. ITEMS MUST BE A SNUG FIT FOR THE REF  
THREAD THROUGHOUT LIMITS OF MAJOR DIA.

1. SUGGESTED SOURCES OF SUPPLY

CA PLUGS OR ROBROY INDUSTRIES  
2150 ELMWOOD AVE MORRISVILLE, PA  
BUFFALO N.Y. 14207 19067  
CODE IDENT 16639 CODE IDENT 18375

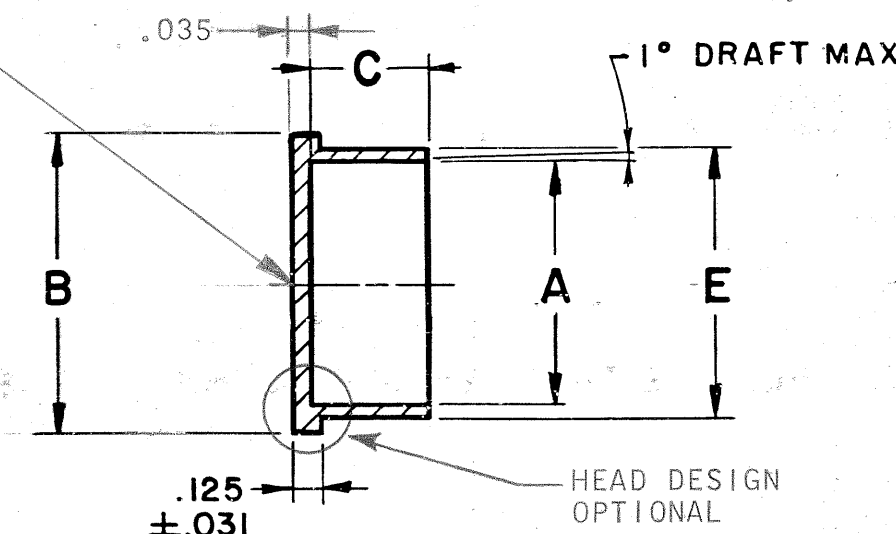
NOTES:

| DESCRIPTION                                                                                                                                      | DATE          | REL NO. 24711-9              | REVISIONS                                                                                                                                 | DATE                | APPROVED |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------|
| (CL II) REV'D COL'E<br>REF (WAS $\pm .010$ ) &<br>CHG'D $\pm .025$ DIM<br>IN COLUMN "E";<br>CHG'D REFS OF<br>BENDIX TO<br>AMPHENOL<br>ECN: 84174 | 12-98<br>JORE | CHG NO. 47535-5415<br>SYM A3 | DESCRIPTION<br>REDRAWN, SAME SIZE; WAS MS25178 (REF MS NO.)<br>(TYPE II ONLY); ADD. SPEC CONTROL DRAWING;<br>REDIMENSIONED (TYPE II ONLY) | 8-30-67<br>CABLE    | Hayes    |
|                                                                                                                                                  |               | 48535-368<br>A4              | WAS .562 (D $\pm .031$ COL)(10-70500-11)                                                                                                  | 10-30-68<br>CABLE   | Hayes    |
|                                                                                                                                                  |               | 56535-126<br>A5              | REM D COL; ADD. .035                                                                                                                      | 8-7-75<br>CABLE     | Hayes    |
|                                                                                                                                                  |               | 71525-65<br>B                | (CL II) ADDED LOCAL NOTE                                                                                                                  | 4-23-80<br>LONGWELL | Bowker   |
|                                                                                                                                                  |               | 73624-1<br>C                 | (CL II) SEE CHG NOTICE                                                                                                                    | 9/1/82<br>WILKINSON | Evans    |
|                                                                                                                                                  |               | 80490<br>D                   | ADD-N-RELEASE 10-70500-009 + DATA                                                                                                         | 07/04/85<br>BIVIANO | Biviano  |



MATERIAL: ALUMINUM

STAMP SIZE/VENDOR IDENTIFICATION  
ON THIS SURFACE AS FOLLOWS:  
1. MANDATORY:  
SUFFIX OF AMPHENOL ECD PART NO. (EXAMPLE: "12")  
2. OPTIONAL:  
VENDOR IDENTIFICATION AND OR MS90376 NO.



MATERIAL: POLYETHYLENE (COLOR RED PER MS90376)

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| ITEM NO.                                                                                                                                                                                               | QTY REQD | DESCRIPTION               | PART NUMBER               | CODE IDENT                                                                                                       | ZONE | 10-53301-1 & OTHERS |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------|------|---------------------|
| PARTS LIST                                                                                                                                                                                             |          |                           |                           |                                                                                                                  |      | NEXT ASSEMBLY       |
| UNLESS OTHERWISE SPECIFIED                                                                                                                                                                             |          | DRAWN: D.M.H.             | DATE: 5-5-53              | <div> <div>THE Bendix CORPORATION</div> <div>SCINTILLA DIVISION</div> <div>SIDNEY, NEW YORK, U.S.A.</div> </div> |      |                     |
| LINEAR DIMENSIONS ARE IN INCHES.<br>TOLERANCES: 3 PLACES $\pm .010$ ;<br>2 PLACES $\pm .03$ ; 1 PLACE $\pm .1$ ;<br>ANGLES $\pm 2^\circ$ . OTHER STANDARDS PER<br>SCINTILLA SPEC 9-3800 AND MIL-STD 8. |          | CHECKED: Powell           | DATE: 10-2-67             |                                                                                                                  |      |                     |
| MATERIAL SPEC AS SPECIFIED UNDER RESPECTIVE TYPES                                                                                                                                                      |          | MATERIAL: Pomeroy 9-15-67 | STANDARDS: Powell         |                                                                                                                  |      |                     |
| PROCESS SPEC 9-2700 TYPE I ONLY                                                                                                                                                                        |          | DRAFTING: Reed            | ENGINEERING: J.P. Russell |                                                                                                                  |      |                     |
|                                                                                                                                                                                                        |          | DEVELOPMENT:              |                           |                                                                                                                  |      |                     |
| CAP, PROTECTIVE, EXTERNAL SCREW THREAD                                                                                                                                                                 |          |                           |                           |                                                                                                                  |      | U                   |
| CODE IDENT NO. 77820                                                                                                                                                                                   |          | SIZE C                    |                           | 10-70500                                                                                                         |      |                     |
| SCALE NONE                                                                                                                                                                                             |          | WT                        |                           | REF                                                                                                              |      | SHEET               |

COMMON ECD/ENP

TAB.

# Mouser Electronics

Authorized Distributor

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## Amphenol:

[10-070500-014](#) [10-070500-024](#) [10-070500-016](#) [10-070500-012](#) [10-070500-028](#) [10-070500-008](#) [10-070500-019](#)  
[10-070500-022](#) [10-074696-002](#) [10-074696-014](#) [10-070500-009](#) [10-070500-020](#) [10-070500-032](#) [10-070500-018](#) [10-070500-040](#)