

User activities: Army -  
Navy -  
Air Force -

Reviewer activities: Army - ML, AR  
Navy - EC, MC, OS  
Air Force - 11, 15, 17, 99  
DLA-ES

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

| FED. SUP CLASS<br>5935                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                       |                                                                                                  |                                                |                 |                            |                            |                 |                 |    |   |      |      |      |      |      |     |      |      |    |      |     |      |      |    |       |     |      |    |       |     |      |    |       |     |      |    |       |    |       |    |       |     |      |    |       |                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------|----------------------------|----------------------------|-----------------|-----------------|----|---|------|------|------|------|------|-----|------|------|----|------|-----|------|------|----|-------|-----|------|----|-------|-----|------|----|-------|-----|------|----|-------|----|-------|----|-------|-----|------|----|-------|----------------------------------------------------------------------------------|
| <p>SEE<br/>DETAIL AA</p> <p>Q</p> <p>28° BSC</p> <p>80° BSC</p> <p>100° BSC</p> <p>120° BSC</p> <p>37° BSC</p> <p>3 PROJECTIONS</p> <p>KEYWAY<br/>4 PLACES</p> <p>0.047<br/>MAX</p> <p>L</p> <p>M</p> <p>J</p> <p>DISK</p> <p>-E-</p> <p>MARKING</p> <p>FLUTES OR<br/>KNURL</p> <p>FOR DETAILS OF CAP FRONT END<br/>CONFIGURATION SEE PROCUREMENT<br/>SPECIFICATION</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                       |                                                                                                  |                                                |                 |                            |                            |                 |                 |    |   |      |      |      |      |      |     |      |      |    |      |     |      |      |    |       |     |      |    |       |     |      |    |       |     |      |    |       |    |       |    |       |     |      |    |       |                                                                                  |
| <table border="1"> <thead> <tr> <th>SHELL<br/>SIZE</th> <th>J<br/>+.015<br/>-.010</th> <th>L<br/>MAX</th> <th>M<br/>MIN</th> <th>Q<br/>MAX<br/>DIA</th> <th>T<br/>+.006<br/>-.002<br/>DIA</th> <th>X<br/>BSC<br/>DEG</th> <th>Y<br/>BSC<br/>DEG</th> <th>CC</th> </tr> </thead> <tbody> <tr> <td>8</td> <td rowspan="8">.222</td> <td rowspan="8">.562</td> <td rowspan="8">.312</td> <td>.719</td> <td rowspan="8">.078</td> <td>82°</td> <td>118°</td> <td>.004</td> </tr> <tr> <td>10</td> <td>.844</td> <td>72°</td> <td>128°</td> <td rowspan="6">.010</td> </tr> <tr> <td>12</td> <td>1.000</td> <td>68°</td> <td>132°</td> </tr> <tr> <td>14</td> <td>1.125</td> <td>66°</td> <td>134°</td> </tr> <tr> <td>16</td> <td>1.250</td> <td rowspan="3">70°</td> <td rowspan="3">130°</td> </tr> <tr> <td>18</td> <td>1.375</td> </tr> <tr> <td>20</td> <td>1.500</td> </tr> <tr> <td>22</td> <td>1.625</td> <td rowspan="2">74°</td> <td rowspan="2">126°</td> </tr> <tr> <td>24</td> <td>1.750</td> </tr> </tbody> </table> | SHELL<br>SIZE                         | J<br>+.015<br>-.010                                                                              | L<br>MAX                                       | M<br>MIN        | Q<br>MAX<br>DIA            | T<br>+.006<br>-.002<br>DIA | X<br>BSC<br>DEG | Y<br>BSC<br>DEG | CC | 8 | .222 | .562 | .312 | .719 | .078 | 82° | 118° | .004 | 10 | .844 | 72° | 128° | .010 | 12 | 1.000 | 68° | 132° | 14 | 1.125 | 66° | 134° | 16 | 1.250 | 70° | 130° | 18 | 1.375 | 20 | 1.500 | 22 | 1.625 | 74° | 126° | 24 | 1.750 | <p>EXAMPLE OF PART NUMBER</p> <p>MS27352 B 12</p> <p>MS NO FINISH SHELL SIZE</p> |
| SHELL<br>SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | J<br>+.015<br>-.010                   | L<br>MAX                                                                                         | M<br>MIN                                       | Q<br>MAX<br>DIA | T<br>+.006<br>-.002<br>DIA | X<br>BSC<br>DEG            | Y<br>BSC<br>DEG | CC              |    |   |      |      |      |      |      |     |      |      |    |      |     |      |      |    |       |     |      |    |       |     |      |    |       |     |      |    |       |    |       |    |       |     |      |    |       |                                                                                  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | .222                                  | .562                                                                                             | .312                                           | .719            | .078                       | 82°                        | 118°            | .004            |    |   |      |      |      |      |      |     |      |      |    |      |     |      |      |    |       |     |      |    |       |     |      |    |       |     |      |    |       |    |       |    |       |     |      |    |       |                                                                                  |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                                                                                  |                                                | .844            |                            | 72°                        | 128°            | .010            |    |   |      |      |      |      |      |     |      |      |    |      |     |      |      |    |       |     |      |    |       |     |      |    |       |     |      |    |       |    |       |    |       |     |      |    |       |                                                                                  |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                                                                                  |                                                | 1.000           |                            | 68°                        | 132°            |                 |    |   |      |      |      |      |      |     |      |      |    |      |     |      |      |    |       |     |      |    |       |     |      |    |       |     |      |    |       |    |       |    |       |     |      |    |       |                                                                                  |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                                                                                  |                                                | 1.125           |                            | 66°                        | 134°            |                 |    |   |      |      |      |      |      |     |      |      |    |      |     |      |      |    |       |     |      |    |       |     |      |    |       |     |      |    |       |    |       |    |       |     |      |    |       |                                                                                  |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                                                                                  |                                                | 1.250           |                            | 70°                        | 130°            |                 |    |   |      |      |      |      |      |     |      |      |    |      |     |      |      |    |       |     |      |    |       |     |      |    |       |     |      |    |       |    |       |    |       |     |      |    |       |                                                                                  |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                                                                                  |                                                | 1.375           |                            |                            |                 |                 |    |   |      |      |      |      |      |     |      |      |    |      |     |      |      |    |       |     |      |    |       |     |      |    |       |     |      |    |       |    |       |    |       |     |      |    |       |                                                                                  |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                                                                                  |                                                | 1.500           |                            |                            |                 |                 |    |   |      |      |      |      |      |     |      |      |    |      |     |      |      |    |       |     |      |    |       |     |      |    |       |     |      |    |       |    |       |    |       |     |      |    |       |                                                                                  |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                       |                                                                                                  |                                                | 1.625           |                            | 74°                        | 126°            |                 |    |   |      |      |      |      |      |     |      |      |    |      |     |      |      |    |       |     |      |    |       |     |      |    |       |     |      |    |       |    |       |    |       |     |      |    |       |                                                                                  |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.750                                 |                                                                                                  |                                                |                 |                            |                            |                 |                 |    |   |      |      |      |      |      |     |      |      |    |      |     |      |      |    |       |     |      |    |       |     |      |    |       |     |      |    |       |    |       |    |       |     |      |    |       |                                                                                  |
| <p>INACTIVE FOR DESIGN AFTER 13 SEPTEMBER 1997</p> <p>INTERCHANGEABILITY RELATIONSHIP</p> <p>by the style are universally, functionally, interchangeable.</p> <p><b>(F) CANCELED - FOR PROCUREMENT USE MS27510 STYLE A</b></p> <p><b>(F) DENOTES CHANGES</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |                                                                                                  |                                                |                 |                            |                            |                 |                 |    |   |      |      |      |      |      |     |      |      |    |      |     |      |      |    |       |     |      |    |       |     |      |    |       |     |      |    |       |    |       |    |       |     |      |    |       |                                                                                  |
| <p>P.A. AF-85</p> <p>Other Cust<br/>ARMY - CR<br/>NAVY - AS</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>International<br/>Interest</p>     | <p>TITLE<br/>CAP, PROTECTIVE, ELECTRICAL<br/>CONNECTOR PLUG, BAYONET<br/>COUPLING, SERIES II</p> | <p>MILITARY STANDARD</p> <p><b>MS27352</b></p> |                 |                            |                            |                 |                 |    |   |      |      |      |      |      |     |      |      |    |      |     |      |      |    |       |     |      |    |       |     |      |    |       |     |      |    |       |    |       |    |       |     |      |    |       |                                                                                  |
| <p>Procurement Specification<br/>MIL-C-38999</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>SUPERSEDES:<br/>MS27352 (USAF)</p> | <p>PAGE 1 OF 1</p>                                                                               |                                                |                 |                            |                            |                 |                 |    |   |      |      |      |      |      |     |      |      |    |      |     |      |      |    |       |     |      |    |       |     |      |    |       |     |      |    |       |    |       |    |       |     |      |    |       |                                                                                  |