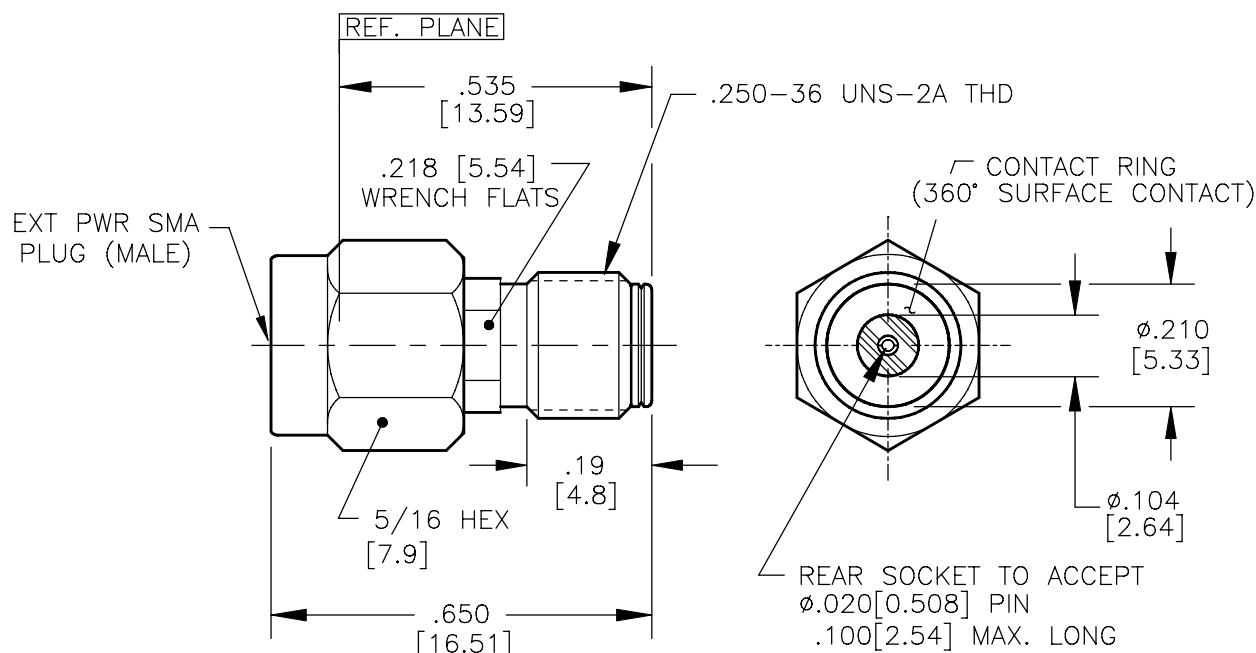


NOTE: Information herein is believed by Southwest Microwave, Inc. to be accurate. However, Southwest Microwave assumes no responsibility for any omissions or errors or inaccuracies for its use or for any infringements of patents or other rights of third parties that may result from its use. Data is intended for informational purpose only and does not constitute a contract of sale or any express or implied warranty, including any warranty of merchant ability or fitness for a particular purpose.



|                           |  |
|---------------------------|--|
| HOUSING:<br>COUPLING NUT: | STEEL, CRES ALLOY UNS-S30300<br>PER ASTM-A582.<br>PASSIVATE PER ASTM-A967-99 |
| CONTACT:                  | BeCu<br>UNS-C17300 PER ASTM-B-196/197<br>GOLD PLATE PER MIL-G-45204          |
| DIELECTRIC:               | VIRGIN TFE FLUOROCARBON PER<br>ASTM-D-1710 AND ASTM-D-1457                   |
| BEAD RING:                | ULTEM 1000 PER ASTM-D-5205   |
| RETAINING<br>RING:        | BeCu<br>UNS-C17300 PER ASTM-B-196/197  |
| GASKET:                   | SILICONE RUBBER PER ZZ-R-765   |
| ITEM                      | MATERIAL & FINISH  |


## 2. INTERFACE I.A.W. MIL-STD-348

1. ALL DIMENSIONS ARE IN INCHES, ALL ANGLES ARE IN DEGREES. DIMENSIONS SHOWN IN BRACKETS [XXX] ARE MILLIMETERS.

TOLERANCES ARE BASED UPON DIMENSIONS IN INCHES. METRIC DIMENSIONS ARE FOR "REFERENCE ONLY".

|                      |             |
|----------------------|-------------|
| APPLICATION NOTE     | 91B52157    |
| CONTACT GAGING SPEC. | 91P52101    |
| SPECIFICATIONS       | 91B52091    |
| INTERFACE            | 91B52002    |
| SPECIFICATION GROUP  | DRAWING NO. |

NOTES: UNLESS OTHERWISE SPECIFIED

|   |              |             |                  |                  |                  |  |
|---|--------------|-------------|------------------|------------------|------------------|--|
| REV<br>A2   | ECN:<br>7907 | INIT:<br>SS | DATE:<br>7/19/06 | APRVD.<br>R.BOAK | DATE:<br>7/19/06 | TITLE<br>SMA PLUG THREAD-IN .650 LONG<br>TO ACCEPT (ø.020) PIN |
|  <b>Southwest Microwave, Inc.</b><br>9055 South McKemy Street<br>Tempe, Arizona 85284-2946<br>Telephone (480) 783-0201<br>Fax (480) 783-0360 |              |             |                  |                  |                  | DRN BY: DK<br>DATE: 5/06<br>SCALE: 3:1<br>SHEET: 1 OF 1        |
|   |              |             |                  |                  |                  | MODEL NO. <b>221-502SF</b><br>DWG. NO. <b>79B54115</b>         |
|   |              |             |                  |                  |                  | REV. <b>A2</b>   |