

ROHS COMPLIANT

REVISION HISTORY

| REV | DESCRIPTION | DATE  | APPROVED |
|-----|-------------|-------|----------|
| -   | NRN 34839   | 07/08 | STW      |
|     |             |       |          |
|     |             |       |          |

PRODUCT DATA DRAWING

Technical drawing of a snap-in connector. The side view shows a component with a tapered sleeve, a cylindrical body, and a threaded section. Dimensions include a total length of .278 [7.06], a sleeve length of .080 [2.03], a body diameter of  $\phi .156$  [3.96], and a panel hole diameter of  $\phi .146$  [3.71]. The cross-sectional view shows a 2X thread with a diameter of  $\phi .178$  [4.52] and a wall thickness of .052±.001 [1.32±0.03]. A note indicates 'FOR .093 PANEL'.

MATERIAL:

BODY:

STAINLESS STEEL PER AMS-5640, UNS S30300 (TYPE 1)

SLEEVE, CONTACT & RETAINING RING:

BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04

INSULATOR:

PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

FINISH:

BODY:

PASSIVATED PER AMS-QQ-P-35, TYPE II

SLEEVE, CONTACT & RETAINING RING:

GOLD PER ASTM B 488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:

IMPEDANCE:

50 OHMS

FREQ. RANGE:

DC TO 40.0 GHz

VSWR:

1.25:1 DC TO 26.5 GHz  
1.35:1 DC TO 40.0 GHz

DWV:

325 VRMS

OPERATING TEMP.:

-55°C TO +125°C

REMOVAL TOOL P/N 500-32-028

RECOMMENDED PANEL HOLE

Technical drawing of a recommended panel hole. It shows a cylindrical hole with a diameter of  $\phi .160\pm .001$  [4.06±0.03] and a wall thickness of .093±.002 [2.36±0.05]. The hole has a 30° chamfer on the top edge. The bottom diameter is  $\phi .1715\pm .0015$  [4.36±0.04].

|                                                                                                                                                                                                |           |                                                                        |                                                                                                                                                                                                                                                                                                 |                                                                                          |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--|
| MATERIAL:                                                                                                                                                                                      | SEE NOTES | DIMENSIONS ARE IN INCHES TOLERANCES:                                   | UNLESS OTHERWISE SPECIFIED                                                                                                                                                                                                                                                                      | SV Microwave, Inc.<br>2400 Centrepark West Drive, Suite 100<br>West Palm Beach, FL 33409 |  |
| FINISH:                                                                                                                                                                                        | SEE NOTES | FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1^{\circ}0'$<br>X°X' $\pm 15'$ | 1) ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)<br>2) ALL DIMENSIONS ARE AFTER PLATING.<br>3) BREAK CORNERS & EDGES .005 R. MAX.<br>4) CHAM. 1ST & LAST THREADS.<br>5) SURFACE ROUGHNESS 63+MIL-STD-10.<br>6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R.<br>7) REMOVE ALL BURRS | TITLE: SMPM MALE SB SNAP-IN FOR .093 PANEL FOR $\phi .047$ S.R. CABLE                    |  |
| SURFACE AREA:                                                                                                                                                                                  | N/A       | DECIMAL: .X $\pm .030$<br>.XX $\pm .010$<br>.XXX $\pm .005$            | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994                                                                                                                                                                                                                                      | SIZE CAGE CODE DWG. NO.                                                                  |  |
| PROPRIETARY                                                                                                                                                                                    |           | THIRD ANGLE PROJECTION                                                 |                                                                                                                                                                                                                                                                                                 | 3211-40003                                                                               |  |
| THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SV MICROWAVE, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SV MICROWAVE, INC IS PROHIBITED. |           | DRAWN: DAL 08/06/08<br>CHECKED: STW 08/06/08<br>APPROVED: STW 08/06/08 |                                                                                                                                                                                                                                                                                                 | SCALE: 14:1                                                                              |  |
|                                                                                                                                                                                                |           |                                                                        |                                                                                                                                                                                                                                                                                                 | SHEET 1 OF 1                                                                             |  |



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Благодаря этому наша компания предлагает к поставке практически не ограниченный ассортимент компонентов как оптовыми, мелкооптовыми партиями, так и в розницу.

Благодаря развитой сети поставщиков, помогаем в поиске и приобретении экзотичных или снятых с производства компонентов.

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