

CAD  
GENERATED  
DRAWING

DCN  
CONTROLLED  
DOCUMENT

|            |
|------------|
| DWG . NO . |
|------------|

1789-6001

BODIES: STAINLESS STEEL PER AMS-5640,  
UNS 530300, TYPE I

TERMINAL: BRASS PER ASTM-B-16, ALLOY  
UNS C36000, H02

CONTACTS: BERYLLIUM COPPER PER ASTM-196,  
COND. TD04, ALLOY UNS-C17300

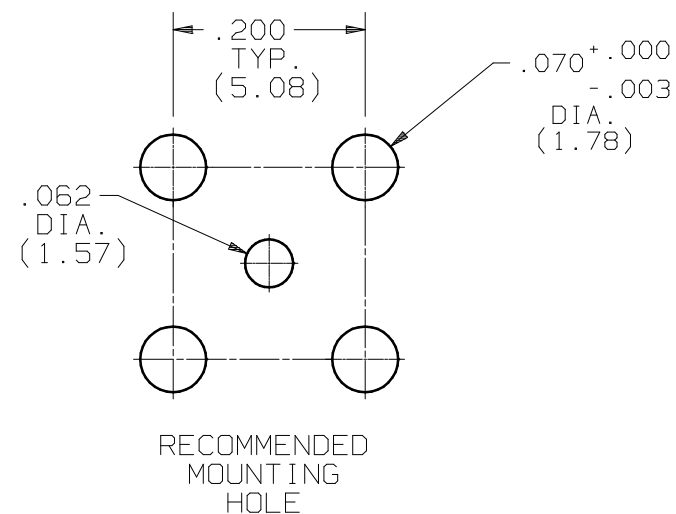
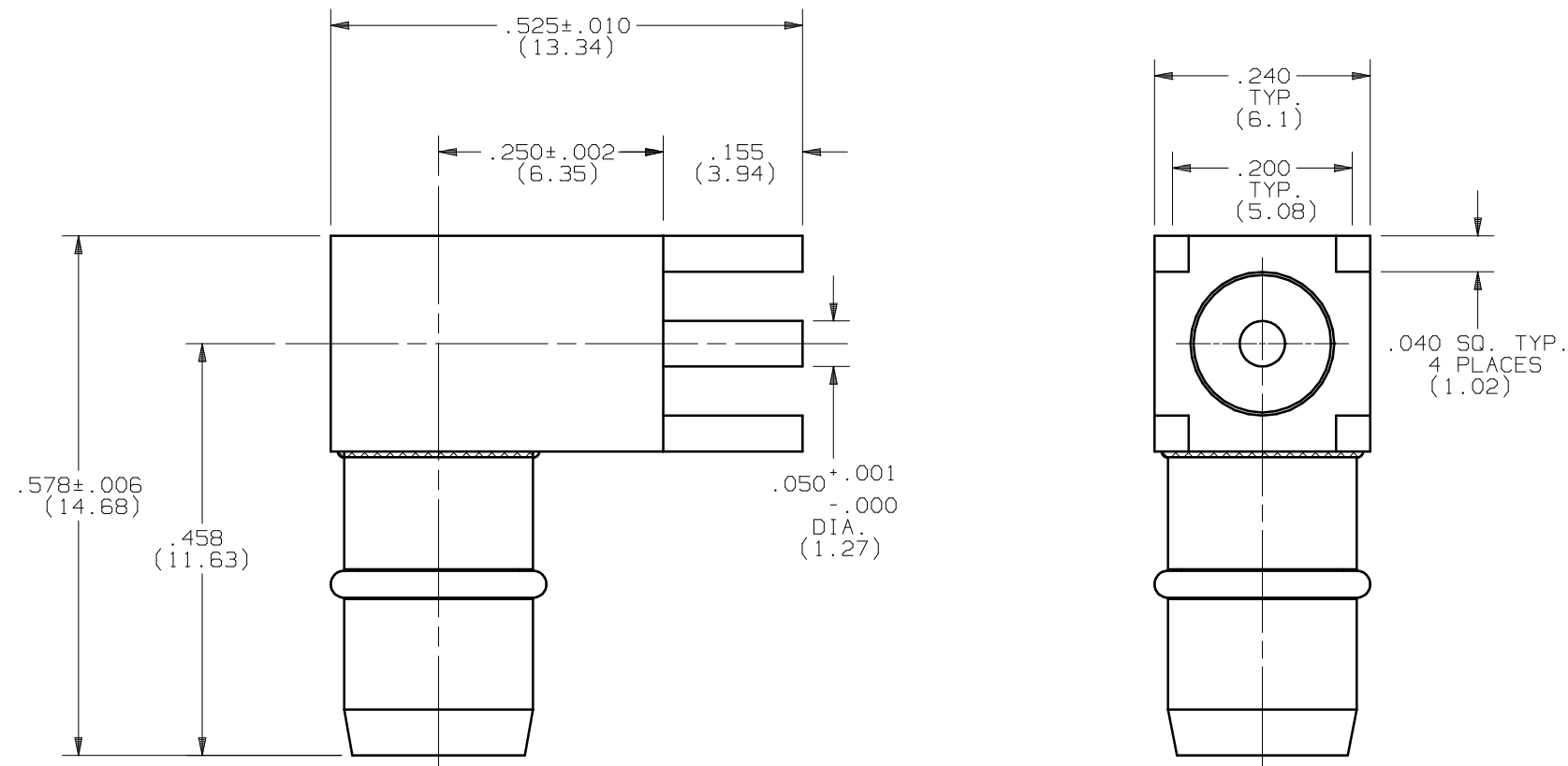
INSULATORS: PTFE PER ASTM-D-1710

PRESS CAP: STAINLESS STEEL PER  
ASTM-A-240, ALLOY UNS S30400  
TYPE 304

BODY,  
CONTACTS &  
TERMINAL: GOLD PER MIL-G-45204 TYPE I,  
GRADE C, CLASS 0 OVER NICKEL  
PER QQ-N-290 CLASS 2

CAP: GOLD PER MIL-G-45204, TYPE I,  
GRADE C, CLASS 00 OVER NICKEL  
PER QQ-N-290, CLASS 1

IMPEDANCE: 50 OHMS  
DWV: 1000 VRMS  
FREQ. RANGE: DC-22.0 GHz  
INSUL. RES.: 5000 MEGOHMS, MIN.



| SYM. | DESCRIPTION    | DATE  | APPR. | UNLESS OTHERWISE SPECIFIED:<br>1) ALL DIMENSIONS ARE AFTER PLATING.<br>2) BREAK CORNERS & EDGES .005 R.MAX.<br>3) CHAM. 1st & LAST THDS.<br>4) SURFACE ROUGHNESS 63 / MIL-STD-10.<br>5) DIAS. ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R.<br>6) REMOVE ALL BURRS. | DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br>DECIMALS FRACTIONAL ANGULAR<br>.X ±.030<br>.XX ±.015<br>.XXX ±.005<br>±1/64<br>X° ±1°0'<br>X°X' ±15' | <i>SV Microwave, Inc.</i><br>2400 Centrepark West Drive, Suite 100<br>West Palm Beach, FL 33409 |                                                           |
|------|----------------|-------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| -    | REL. DCN 26039 | 04/00 | STW   |                                                                                                                                                                                                                                                                             | MATERIAL:                                                                                                                                       | SEE ABOVE                                                                                       | □" AREA:                                                  |
| A    | REV. DCN 29113 | 04/00 | STW   |                                                                                                                                                                                                                                                                             | FINISH:                                                                                                                                         | SEE ABOVE                                                                                       | N/A                                                       |
|      |                |       |       | DRAWN:                                                                                                                                                                                                                                                                      | VMJ                                                                                                                                             | 04/12/00                                                                                        | TITLE:<br>BMA RIGHT ANGLE<br>PLUG RECEPTACLE<br>PCB MOUNT |
|      |                |       |       | CHECKED:                                                                                                                                                                                                                                                                    | STW                                                                                                                                             | 04/13/00                                                                                        | DWG. NO.                                                  |
|      |                |       |       | APPROVED:                                                                                                                                                                                                                                                                   | STW                                                                                                                                             | 04/13/00                                                                                        | 1789-6001                                                 |