MATERIAL:
SMA BODY: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
SMPM BODY & CONTACT: BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04
INSULATOR: PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B
BEAD: KEL-F PER MIL-P-46036B, TYPE II
FINISH:
SMA BODY: PASSIVATED PER AMS-2700.
SMPM BODY & CONTACT: GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:
IMPEDEANCE: 50 OHMS
FREQ. RANGE: DC TO 18 GHz

DIMENSIONS ARE IN INCHES TOLERANCES:
FRACTIONAL: \(\pm \frac{1}{64}\)
DECIMAL: \(\pm .030\)
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

SV Microwave, Inc.
2400 Centrepark West Drive, Suite 100
West Palm Beach, FL 33409

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.

UNLESS OTHERWISE SPECIFIED
1. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS]
2. ALL DIMENSIONS ARE AFTER PLATING.
3. BREAK CORNERS & EDGES .005 R. MAX.
4. CHAM. 1ST & LAST THREADS.
5. SURFACE ROUGHNESS 63 MIL-STD-10.
6. DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R.
7. REMOVE ALL BURRS UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES [MILLIMETERS]

PRODUCT DATA DRAWING

1/4-36 UNS-2A

1.278 [7.06]

.91 [2.31]

.140 [3.56]

.637 [16.18]

.250 [6.35]

.278 [7.06]

.123 [3.12]

.091 [2.31]