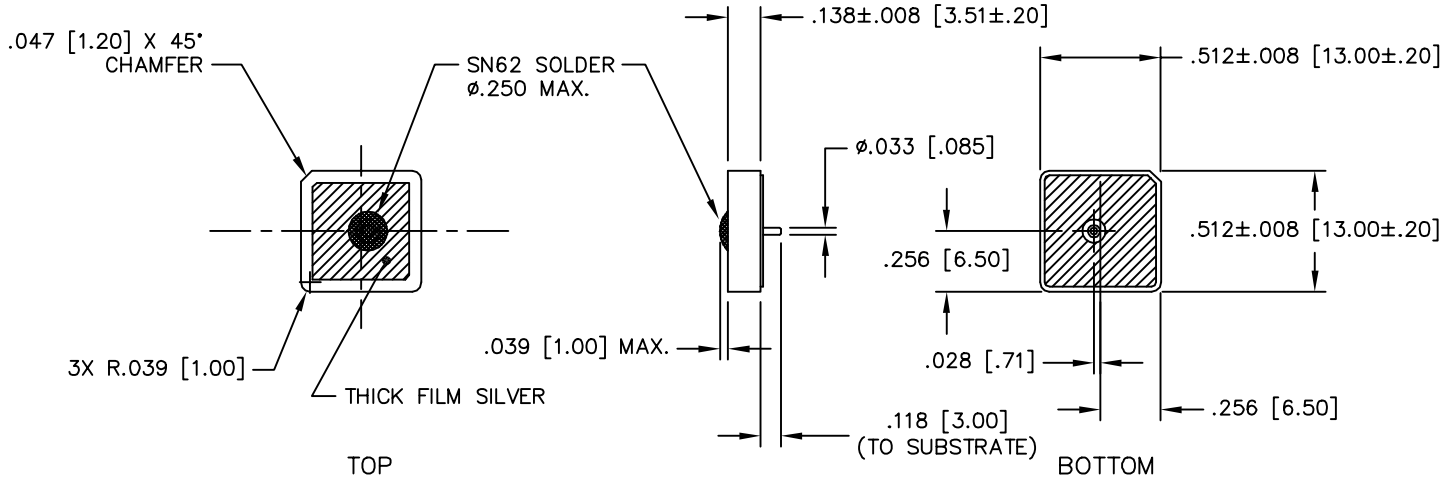


STO-4833

NOTES:

- ELECTRICAL SPECIFICATIONS:
 CENTER FREQUENCY = 1580±2 MHz
 BANDWIDTH: 5.0 MHz MIN. @ -10dB
 BORE SIGHT AXIAL RATIO: 3.0 dB MAX. @ 1580±2 MHz
 GAIN: 0 dBic MIN.
 RETURN LOSS: 15 dB MIN.
 RIGHT HAND CIRCULAR POLARIZATION
- SPECIFICATIONS ARE FOR UNPACKAGED ANTENNA.
- FOOTPRINT AND ELECTRICAL SPECIFICATIONS ARE SUBJECT TO CHANGE.
 CONSULT SPECTRUM FSY MICROWAVE FOR SPECIFIC APPLICATIONS.
- TESTING TO BE PERFORMED ON AN ALUMINUM GROUND PLANE,
 1.181 [30MM] X 1.181 [30MM] INCHES, IN FREE SPACE.
- DIMENSIONS IN BRACKETS IN MILLIMETERS.

| REVISIONS | | | |
|-----------|----------------------------------|---------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| 0 | INITIAL RELEASE PER CN 99991 | 6/21/01 | R.MILLER |
| 1 | REDRAWN PER ECN04354, MY, 5/5/04 | 5/12/04 | MI |



UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE IN INCHES
 DIMENSIONS APPLY AFTER PLATING
 INTERPRET DIM. AND TOL. PER
 ASME Y14.5M - 1994

TOLERANCES:
 .XX±.02 .XXX±.005 ∠±.50°
 BREAK ALL SHARP EDGES AND DEBURR

| | | |
|----------|--------------|---------|
| DRAWN | M. YAKER | 5/6/04 |
| CHECKED | | |
| ENG. | MARK INGALLS | 5/6/04 |
| MAN. | - | - |
| Q.C. | - | - |
| APPROVED | MARK INGALLS | 5/12/04 |

Spectrum FSY Microwave, Inc.
 COLUMBIA, MARYLAND USA

SALES DRAWING,
 PA13-1580-005SA

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| | | | |
|-------|-----------|---------------------|--------------|
| SIZE | CAGE CODE | DRAWING NO. | REV |
| B | 67195 | STO-4833 | 1 |
| SCALE | 2/1 | DO NOT SCALE PRINTS | SHEET 1 OF 1 |