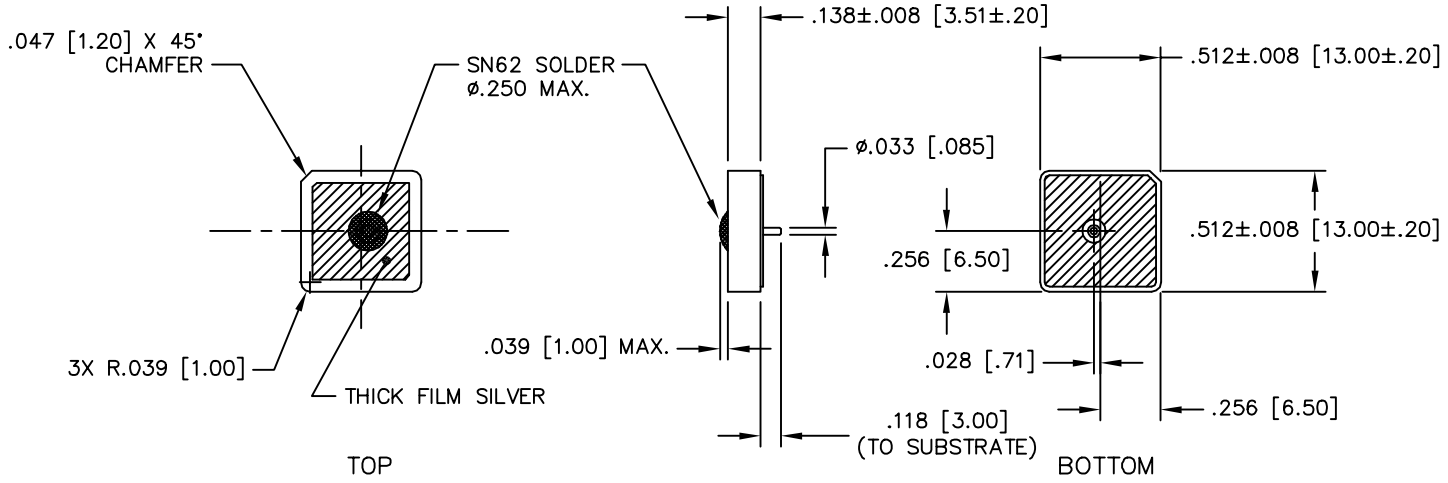


STO-4833

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		<b>Spectrum FSY Microwave, Inc.</b> COLUMBIA, MARYLAND USA	
DRAWN M. YAKER 5/6/04 CHECKED		SALES DRAWING, PA13-1580-005SA	
ENG. MARK INGALLS 5/6/04 MAN. - - Q.C. - -	SIZE B CAGE CODE 67195 DRAWING NO. STO-4833 REV 1	SCALE 2/1 DO NOT SCALE PRINTS	SHEET 1 OF 1
APPROVED MARK INGALLS 5/12/04			

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