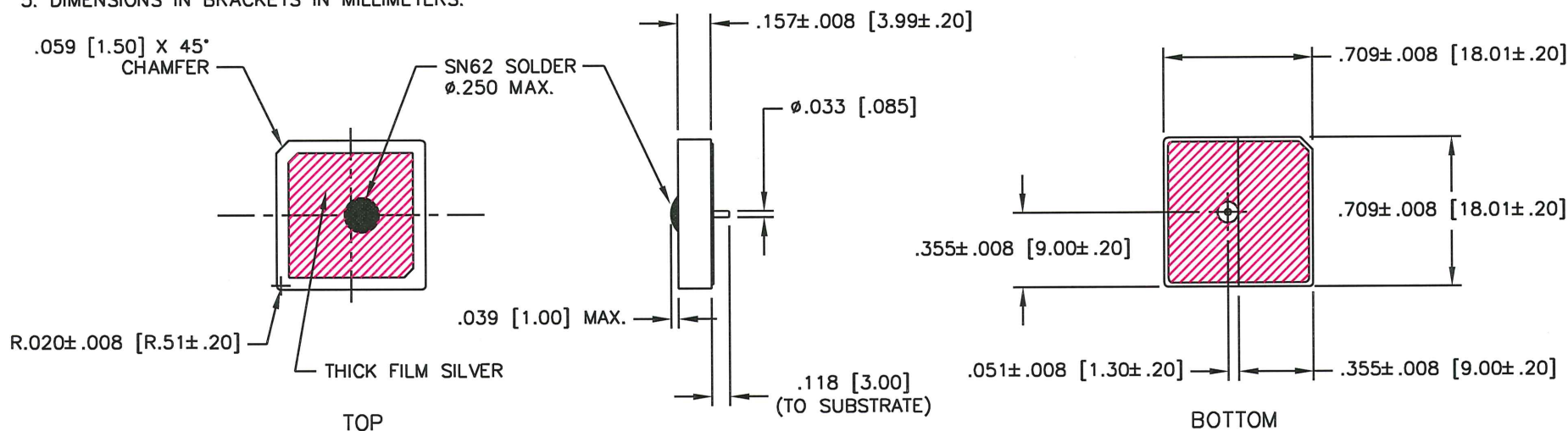


NOTES:

- ELECTRICAL SPECIFICATIONS:  
 CENTER FREQUENCY = 1580±1.5 MHz  
 BANDWIDTH: 10.0 MHz MIN @ -10 dB  
 BORE SIGHT AXIAL RATIO: 3.0 dB MAX. @ 1580±1.5 MHz  
 GAIN: 1.5 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 FSU MICROWAVE FOR SPECIFIC APPLICATIONS.
- TESTING TO BE PERFORMED ON AN ALUMINUM GROUND PLANE,  
 1.969 [50MM] X 1.969 [50MM] INCHES, IN FREE SPACE.
- DIMENSIONS IN BRACKETS IN MILLIMETERS.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
0	INITIAL RELEASE PER CN 99852	4/16/01	M.STEGER
1	REDRAWN PER ECN04354, MY, 5/6/04	5/12/04	MI
2	ADD RoHS SYMBOL, ECN 48062	4-30-09	JLK.



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		
ENGR	C. KIRETA	4-30-09
MAN	-	-
O.C.	-	-
APPROVED		

*Spectrum FSU Microwave, Inc.*  
 COLUMBIA, MARYLAND USA

SALES DRAWING,  
 PA18-1580-010SA

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SIZE	CAGE CODE	DRAWING NO.	REV
B	0LSP2	STO-4834	2
SCALE	DO NOT SCALE PRINTS		SHEET 1 OF 1