

NOTES:

1. ELECTRICAL SPECIFICATIONS:

CENTER FREQUENCY = 1227±3.00 MHz
 DEFINITION OF CENTER FREQ: MIDPOINT OF -10 dB S11 BANDWIDTH
 BANDWIDTH AT -10 dB S11: 8 MHz
 RETURN LOSS: -14 dB MIN. @ CENTER FREQUENCY
 BORE SIGHT AXIAL RATIO: 3 dB AT CENTER FREQUENCY
 GAIN: 2 dBic AT CENTER FREQUENCY
 RIGHT HAND CIRCULAR POLARIZATION
 IMPEDANCE: 50 OHMS

2. SPECIFICATIONS ARE FOR UNPACKAGED ANTENNA.

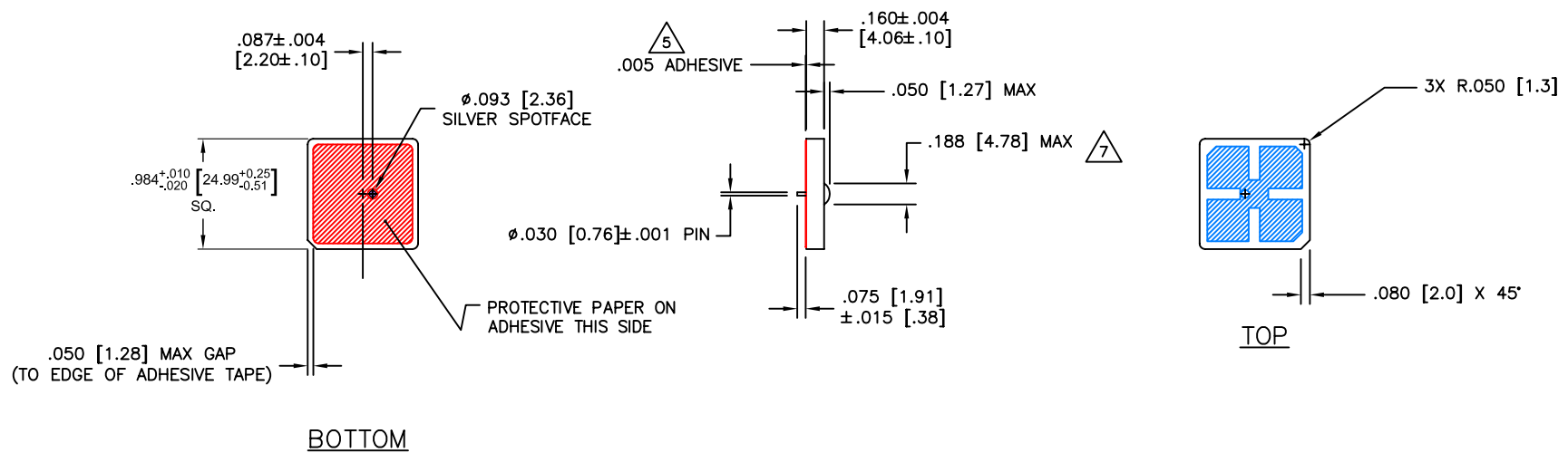
3. FOOTPRINT AND ELECTRICAL SPECIFICATIONS ARE SUBJECT TO CHANGE.
 CONSULT SPECTRUM CONTROL FOR SPECIFIC APPLICATIONS.

4. TESTING TO BE PERFORMED ON AN ALUMINUM GROUND PLANE,
 2.362 [60MM] X 2.362 [60MM] INCHES, IN FREE SPACE.

5 MEASUREMENT FOR PIN IS TAKEN FROM FACE OF ADHESIVE (.005 DIM)
 WITH PAPER REMOVED.

6. DIMENSIONS IN BRACKETS IN MILLIMETERS.

7 SOLDER AROUND PIN HEAD MUST NOT FLOW ONTO UN-SILVERED
 PORTION OF CERAMIC SUBSTRATE.



														02	01	REV. INCL. CHANGE NOTICE REDRAWN	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. DO NOT SCALE.	TOLERANCES UNLESS OTHERWISE SPECIFIED Fractions ± 1/64 Dec. .xxx± .01 Dec. .xxx± .005 Angles ± 0° 30'	SPECTRUM CONTROL INC. Dwn. KAUFFMAN Date 10-7-09 Engr. J. KRAUS Sheet ___ of ___	FAIRVIEW PENNSYLVANIA Description SALES DRAWING PA25-1227-008SA STO-5001
														CN 51226-ENG	CN 41215-ENG					