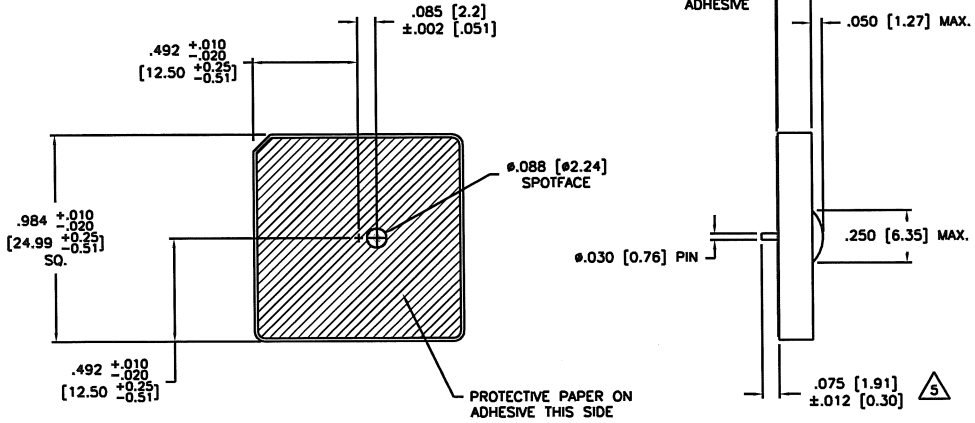
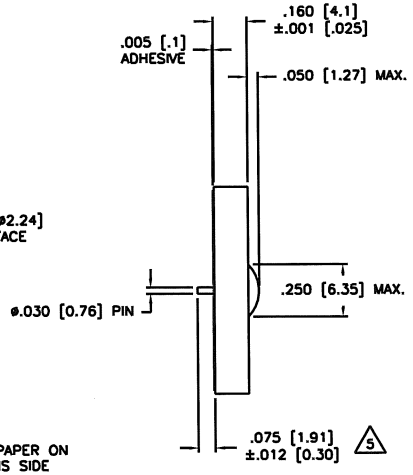
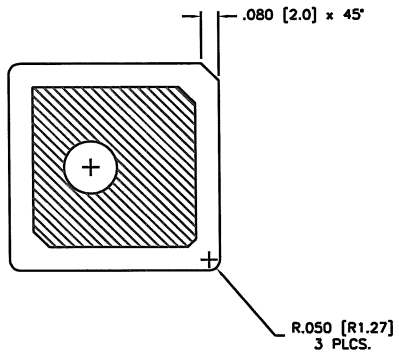
NOTES:

1. ELECTRICAL SPECIFICATIONS:
   - CENTER FREQUENCY = 1615±5 MHz
   - BANDWIDTH AT −10 dB S11: 25 MHz
   - VSWR = SHALL BE 2:1 MAX ACROSS A MINIMUM 25 MHz BANDWIDTH
   - DIRECTIVITY IN AZIMUTH SHALL NOT VARY BY MORE THAN 3 dB FROM MAXIMUM WHEN MEASURED AT 25° ELEVATION
   - DIRECTIVITY IN ELEVATION SHALL NOT VARY MORE THAN 5 dB FROM ZENITH TO 25° ELEVATION
   - A/R SHALL BE 3 dB MAX AT ZENITH
   - GAIN SHALL BE 3 dBic MIN AT ZENITH
   - LEFT HAND CIRCULAR POLARIZATION
   - IMPEDANCE = 50 OHMS
2. SPECIFICATIONS ARE FOR UNPACKAGED ANTENNA.
3. FOOTPRINT AND ELECTRICAL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONSULT SPECTRUM MICROWAVE FOR SPECIFIC APPLICATIONS.
4. TESTING TO BE PERFORMED ON AN ALUMINUM GROUND PLANE, 2.362 [60] x 2.362 [60] , IN FREE SPACE.
5. MEASUREMENT FOR PIN IS TAKEN FROM FACE OF ADHESIVE (.005 DIMENSION) WITH PAPER REMOVED.
6. DIMENSIONS IN BRACKETS IN MILLIMETERS.



BOTTOM





TOP

RoHS COMPLIANT

REV. NO.	CHANGE NOTICE	
00	CN 56798-ENG	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
DO NOT SCALE.
THIRD ANGLE

TOLERANCES UNLESS OTHERWISE SPECIFIED
Fractions ± 1/64
Dec. .xx± .01
Dec. .xxx± .005
Angles ±0° 30'
CODE IDENT. NO. OLSP2

SPECTRUM CONTROL INC.
FAIRVIEW PENNSYLVANIA

Dwn. KAUFFMAN	Description
DATE 11-23-10	PATCH ANTENNA ASSEMBLY
Engr. SCHREINER	PA251615025SALF
Sheet 1 of 1	

Quality Products From The Specialists In Electro-Magnetic Compatibility