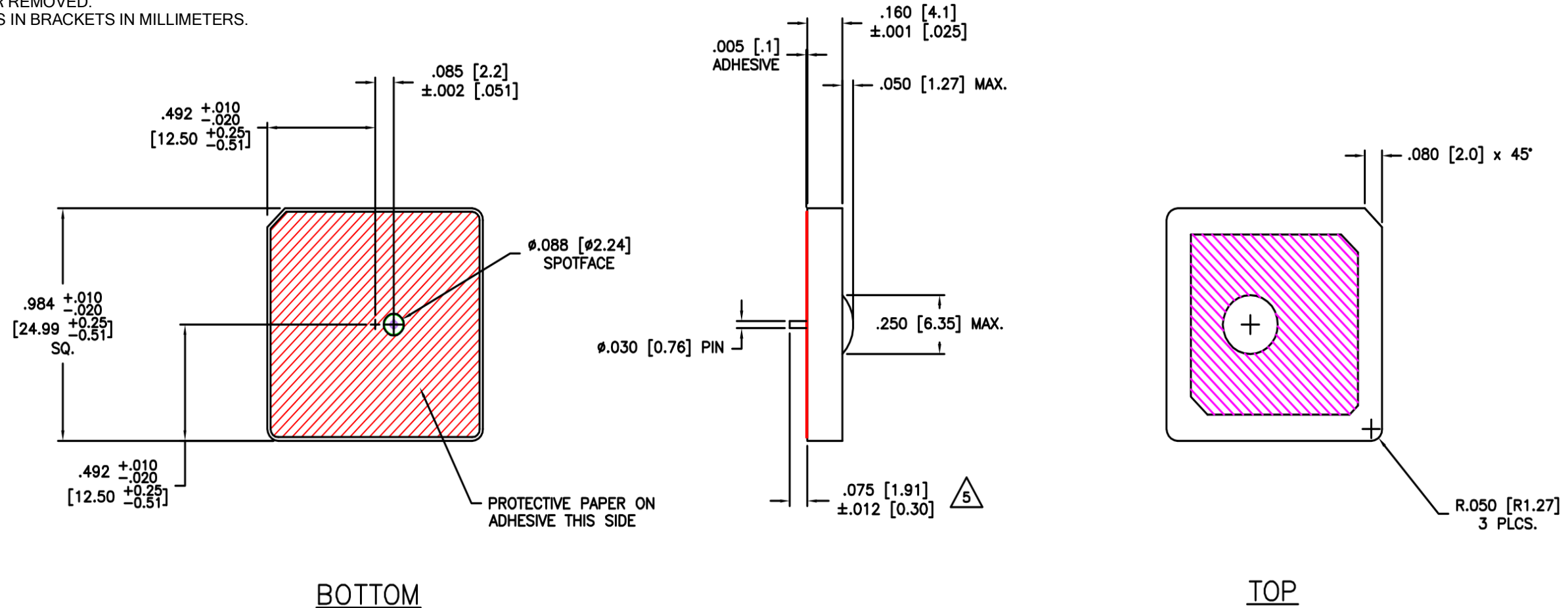


NOTES:


1. ELECTRICAL SPECIFICATIONS:
 CENER FREQUENCY = 1615±15 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 dB FROM ZENITH TO 25°
 ELEVATION
 A/R SHALL BE 3 dB MAX AT ZENITH
 GAIN SHALL BE 3 dBic MIN AT ZENITH
 GAIN SHALL NOT BE MORE THAN 4.4 dBic WHEN TESTED ON 2.362 [60] × 2.362 [60]
 GROUND PLANE
 LEFT HAND CIRCULAT POLARIZATION
 IMPEDANCE = 50 OHMS
2. SPECIFICATIONS ARE FOR UNPACKAGED ANTENNA.
3. FOOTPRINT AND ELECTRICAL SPECIFICATIONS ARE SUBJECT TO CHANGE.
4. TESTING TO BE PERFORMED ON AN ALUMINUM GROUND PLANE, 2.362 [60] × 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.



01	00	REV. NO.
CN 56798-ENG		CHANGE NOTICE

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



STATE COLLEGE PENNSYLVANIA

Dwn. INGALLS	Description
DATE 8-28-14	PATCH ANTENNA ASSEMBLY
Engr. INGALLS	PA251615025SALF
Sheet 1 of 1	