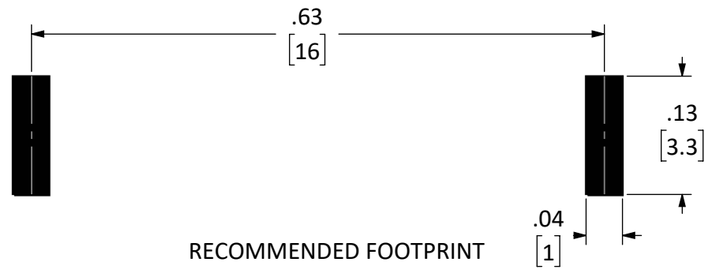
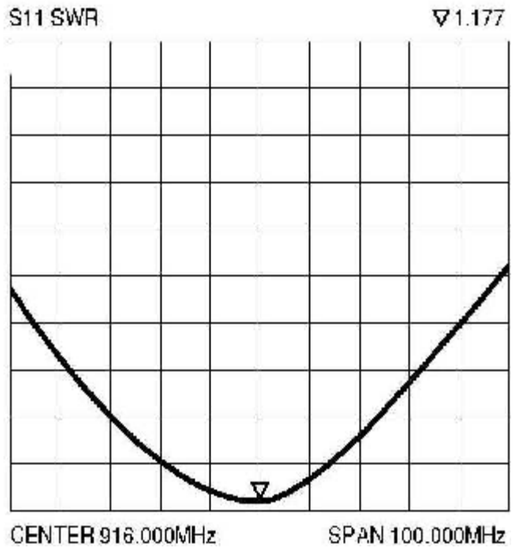
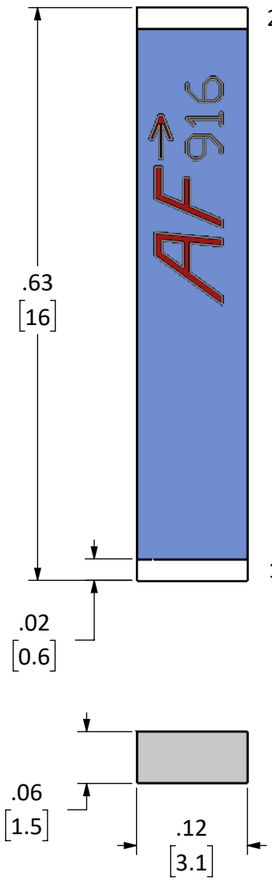
REVISIONS			
REV	DESCRIPTION	DATE	APPV
1	INITIAL RELEASE	7/8/2008	SAH
B	RELEASE PER ECO-ANT-xxx-CHP-B	2/2/2010	SAH
C	UPDATED TO ADD 2ND SHEET AND PACKAGING INSTRUCTIONS (FLAG NOTE 8)	21-NOV-17	SAH



RECOMMENDED FOOTPRINT

916MHz TYPICAL VSWR

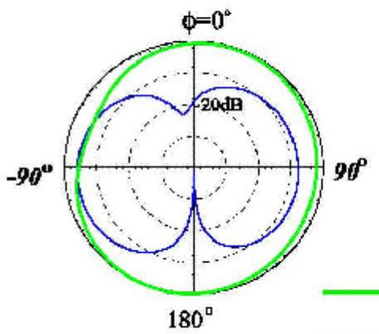




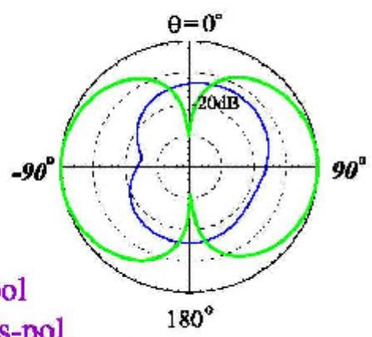
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS ARE IN INCHES [mm].
2. DIMENSIONS APPLY AFTER FINISHING.
3. SAFETY BREAK ALL SHARP CORNERS AND EDGES .02 MAXIMUM.
4. PERFORMANCE REQUIREMENTS
   - CENTER FREQUENCY: 916 MHz
   - PEAK GAIN: +0.5 dBi MINIMUM
   - BANDWIDTH: ≥ 10 MHz
   - WAVELENGTH: 1/4-WAVE
   - VSWR: < 1.5 AT CENTER
   - IMPEDANCE: 50 OHMS
   - PATTERN: OMNI-DIRECTIONAL
   - CONNECTION: SURFACE MOUNT SOLDER PAD
   - POWER HANDLING: ≥ 1W CONTINUOUS
   - OPERATING/STORAGE TEMPERATURE: -40 TO + 85 ˚C
5. MATERIAL: LTCC.
6. SCREEN PRINT GRAPHICS PER FILE *ANT-916-CHP.EPS*, COLOR: TBD (DEPENDING ON MATERIAL COLOR).
7. FABRICATE TO BE COMPLIANT WITH EU RoHS DIRECTIVE,USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
8. PACKAGING INSTRUCTIONS:
   - APPLY LINX LABEL, *LBL-REEL-3.3x1.2*, TO OUTSIDE OF REEL.
   - MARK LABEL WITH LINX PART NUMBER, MFG CODE, LINX PO NUMBER, (LINX PO NUMBER IN LOT CODE FIELD) AND QUANTITY.
   - VACUUM PACK REEL WITH DESSICANT PACK (NO HIT CARD) INSIDE.
   - APPLY SECOND LINX LABEL, *LBL-REEL-3.3x1.2*, TO VACUUM SEALED BAG.
   - MARK SECOND LABEL WITH LINX PART NUMBER, MFG CODE, LINX PO NUMBER,(LINX PO NUMBER IN LOT CODE FIELD) AND QUANTITY.
9. TAPE AND REEL IAW WITH EIA-418-F

916MHz H-Plane



916MHz E-Plane



co-pol
cross-pol

TE connectivity
159 ORT LANE
MERLIN, OR 97532

MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION:	TITLE: CHIP ANTENNA 916 MHz
WEIGHT:	.X ±2.0 .XX ±1.00 .XXX ±.500 ANGLES: ±1° SURFACE: 32		SIZE: B DWG. NO.: C-ANT-916-CHP REV: C
FINISH:	DRAWN: S.HOGAN DT: 21-NOV-08		
	ENGR: DT:	SCALE: 6:1	DO NOT SCALE DRAWING SHEET 1 OF 1

LDCFDFB_B