

1. MATERIALS AND FINISHES:
BODY - BRASS, GOLD PLATED (.000004" THICK MIN) OVER HIGH PHOSPHORUS ELECTROLESS NICKEL
CONTACT - BeCu, GOLD PLATED (.000004" THICK MIN) OVER HIGH PHOSPHORUS ELECTROLESS NICKEL
BULLET CONTACTS - BERYLLIUM COPPER - GOLD PLATED (.000004" THICK MIN) OVER HIGH PHOSPHORUS ELECTROLESS NICKEL
INSULATORS - PTFE

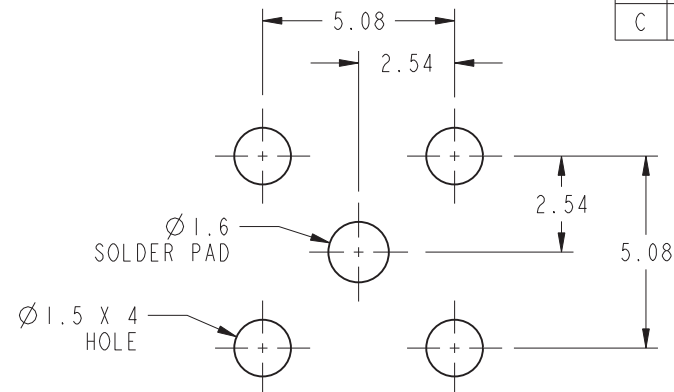
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 3 GHz
C. VSWR: $1.1 + 0.006 \times f$ (GHz), MAX

3. MECHANICAL:
A. DURABILITY: 100 CYCLES MIN.
B. TEMPERATURE RANGE: -65° C TO 165° C

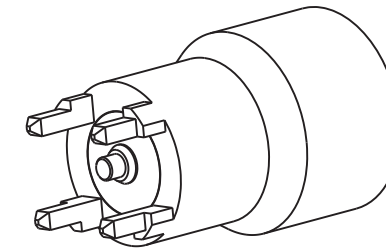
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL, 920-186P-51P, AND DATE CODE"

REVISIONS

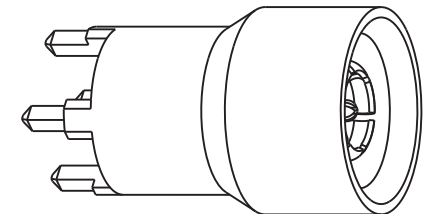
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	09-Oct-08	47320	JL
B	RELEASE TO ARFA FROM DANBURY FOR MFG.	14-Oct-08		TYZ
C	REPLACE THE BULLET	04-May-11	48492	SH



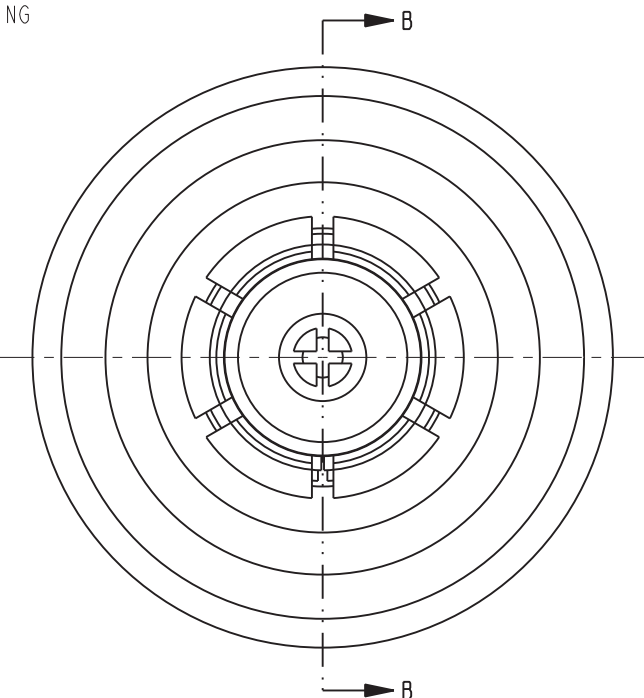
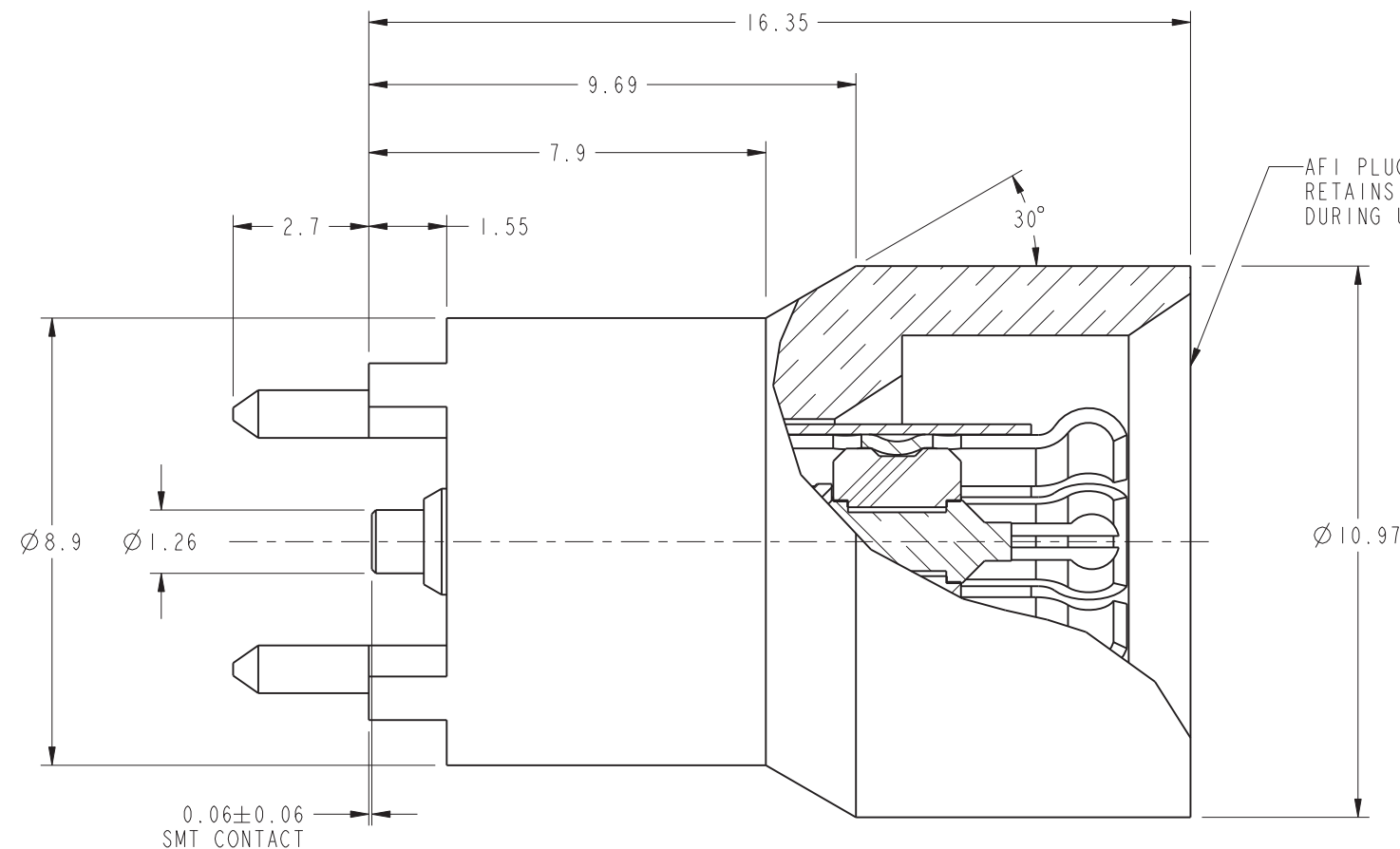
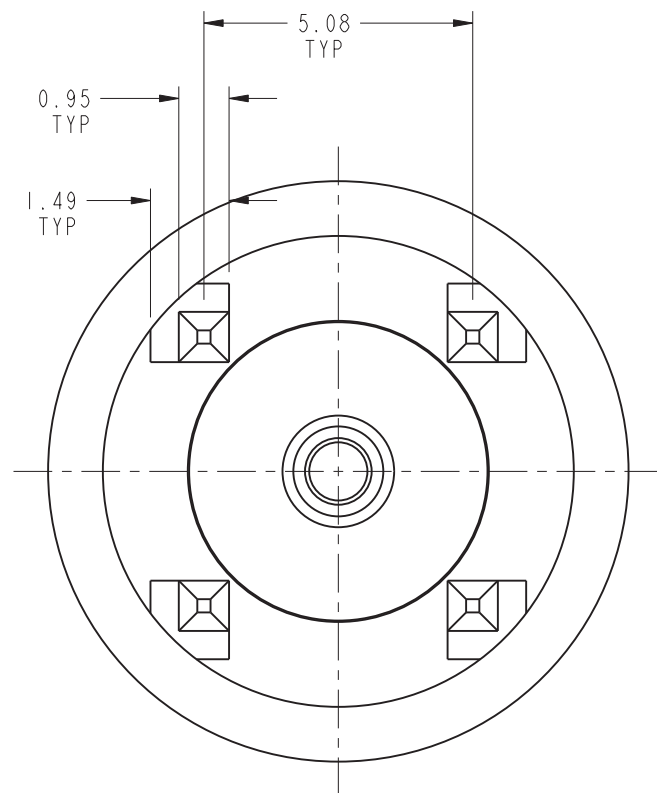
RECOMMENDED PCB LAYOUT
SCALE 5.000



SCALE 2.500



SCALE 2.500



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: 0.5 - 6mm ±0.1mm	6 - 30mm ±0.2mm	30 - 120mm ±0.3mm	ANGLES ±1°	MATERIAL - REFERENCE FINISH	DRAWN L.L.I	DATE 03-Mar-11	TITLE ASSEMBLY AFI, PLUG			Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com		
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					APPROVED S.HSIEH	DATE 04-May-11	SCALE: 7.0:1.0	SHEET 2 OF 2	DRAWING NO. 920-186P-51P			
					CAD FILE Root Folder/AFI/920-186P-51P	DWG SIZE B	CODE ID 74868	REV C	ITEM NO. 920-186P-51P	PART NO. 920-186P-51P		