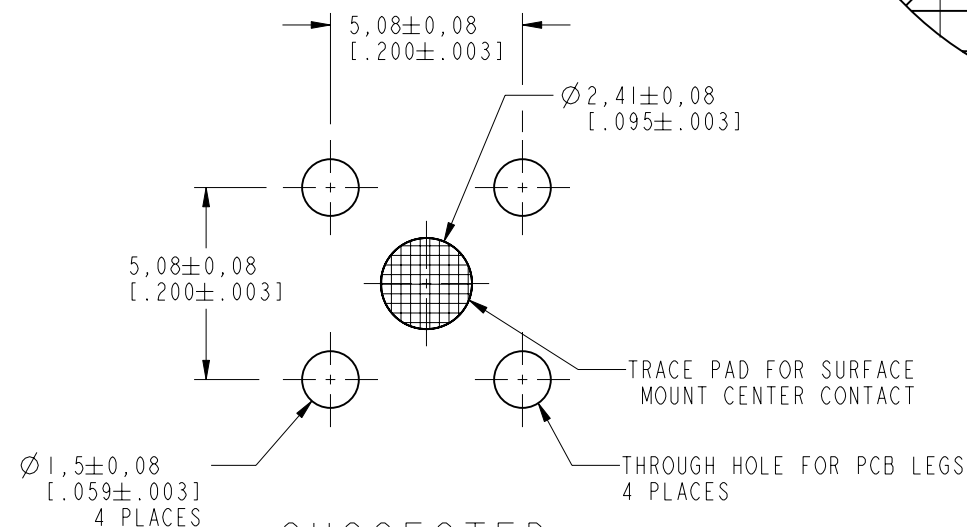
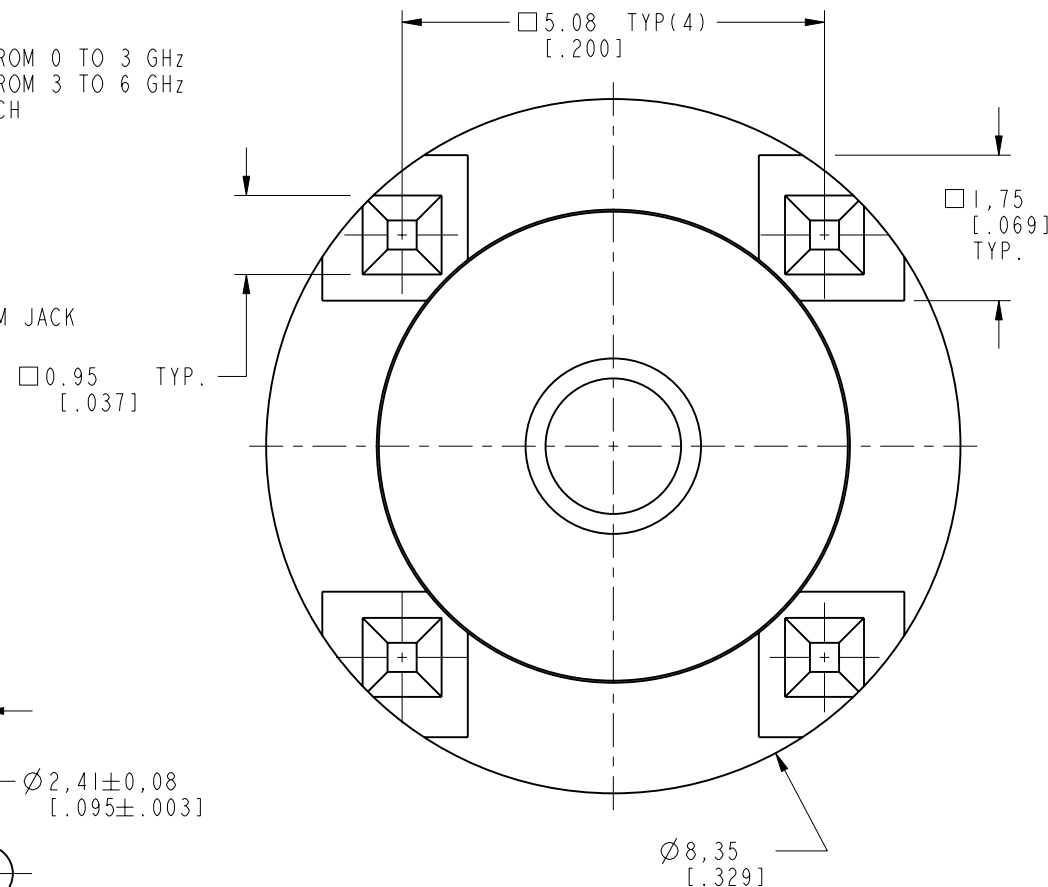


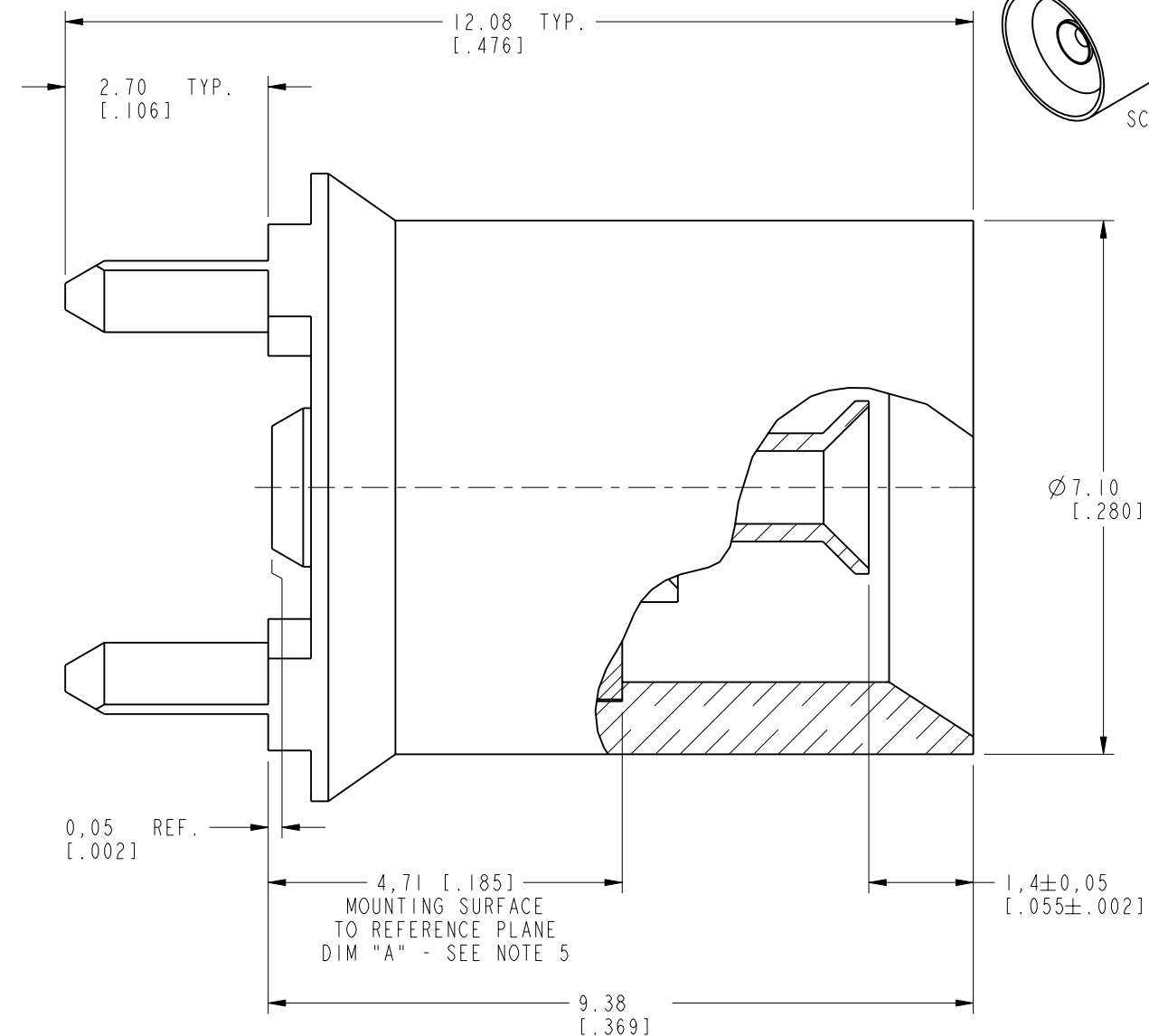
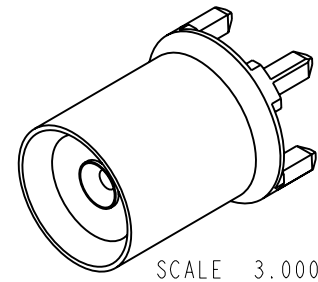
1. MATERIALS AND FINISHES:  
BODY: BRASS, GOLD PLATING  
CONTACT: BERYLLIUM COPPER, GOLD PLATING.  
INSULATOR: PTFE
2. PHYSICAL:  
A. OPERATING TEMPERATURE: -65°C TO +165°C  
B. DURABILITY: 100 MATING CYCLES MINIMUM  
C. INTERFACE: PROPRIETARY AFI INTERFACE
3. ELECTRICAL:  
A. IMPEDANCE: 50 OHMS, NOMINAL  
B. FREQUENCY RANGE: 0 TO 6 GHz  
C. VSWR:  $1.10 + 0.06 \times F$  (GHz) MAX, FROM 0 TO 3 GHz  
 $0.56 + 0.24 \times F$  (GHz) MAX, FROM 3 TO 6 GHz  
D. SEE 349-50861 FOR RECOMMENDED LAUNCH
4. PACKAGING:  
A. SINGLE PACK IN BAG.  
B. MARK BAG OR TAG: AMPHENOL RF  
920-250J-51P  
DATE CODE (YYWW)
5. ADD DIM "B" FROM PLUG AND DIM "A" FROM JACK  
OF TWO MATING CONNECTORS TO FIND THE  
NOMINAL BOARD-TO-BOARD SPACING.  
AXIAL FLOAT IS  $\pm 0.50$  [0.020"]  
RADIAL FLOAT IS  $\pm 0.38$  [0.015"]



SUGGESTED  
PCB FOOTPRINT

## REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	25-Apr-14	49535	JC



## CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm      0.5 - 6mm      6 - 30mm      30 - 120mm      ANGLES ± 0.05mm      ± 0.1mm      ±0.2mm      ± 0.3mm      ±1°	MATERIAL  SEE NOTES  REFERENCE EAR #3289  CONFIGURATION LEVEL: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>  FINISH	DRAWN JEKY.C	DATE 25-Apr-14	TITLE AFI STR JACK PCB MOUNT		Amphenol RF  www.amphenolrf.com	
NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other sperson to manufacture, use or sell any product, process or design, patented or otherwsie, that may in any way be related to or disclosed by said drawings, specifications, or other data.		ENGINEER T. SMITH	DATE 20-Aug-12			DRAWING NO. 920-250J-51P	
		APPROVED S.HSIEH	DATE 12-May-14			ITEM NO. 920-250J-51P	
		CAD FILE	SCALE: 11.0:1.0		SHEET 2 OF 2	PART NO. 920-250J-51P	
			DWG SIZE B		REV A		