

NOTES:

1. MATERIALS AND FINISHES:

- BODY
- ZINC DIECAST PER ASTM B86, MATTE TIN PLATING (.000100 THICK MIN.)
- CONTACT
- BRASS PER ASTM B16, GOLD PLATING (.000003 THICK MIN.)
- INSULATOR
- PTFE PER ASTM D1710, COLOR: NATURAL
- HOUSING
- PPA 33%GF, COLOR: PER TABLE

2. ELECTRICAL:

- A. IMPEDANCE:
- 50 OHM, NOMINAL
- B. FREQUENCY RANGE:
- DC - 3 GHz
- C. VSWR(RETURN LOSS):
- 1.2 (20.8 dB), MAX.
- D. D.W.V.:
- 800 VRMS, MIN.

3. MECHANICAL:

- A. DURABILITY:
- 100 CYCLES MIN.
- B. TEMPERATURE RANGE:
- 40° C TO +85° C
- C. SUITABLE FOR PICK AND PLACE AND SOLDER REFLOW
- PROCESSING PER AMPHENOL SPEC. 349-50712
- D. FAKRA INTERFACE PER DIN 72594-1

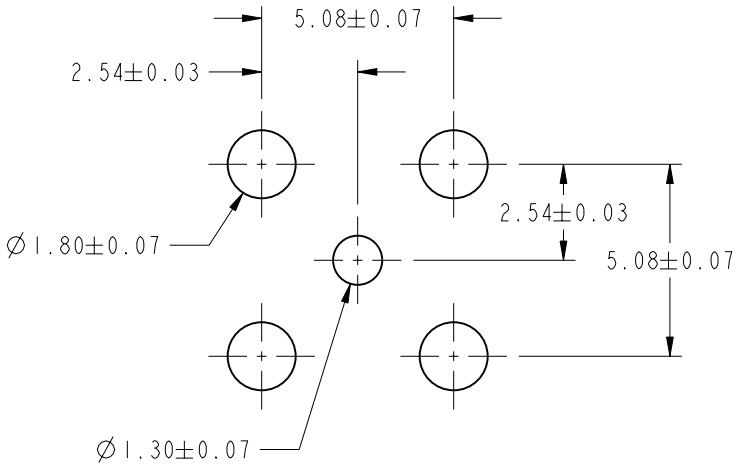
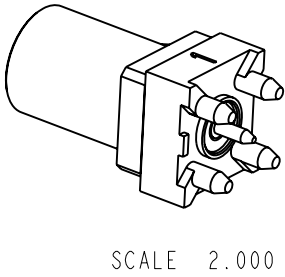
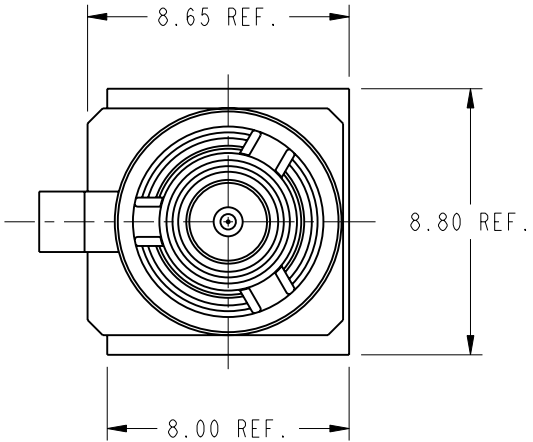
4. PACKAGING:

- A. QUANTITY:
- TRAY PACK
- B. MARKING:
- TRAY TO BE MARKED:  
"AMPHENOL RF, 2FAI-NXSP-PCBB6, AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

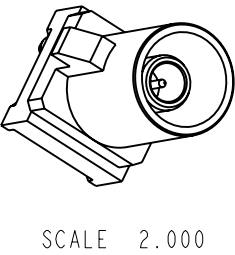
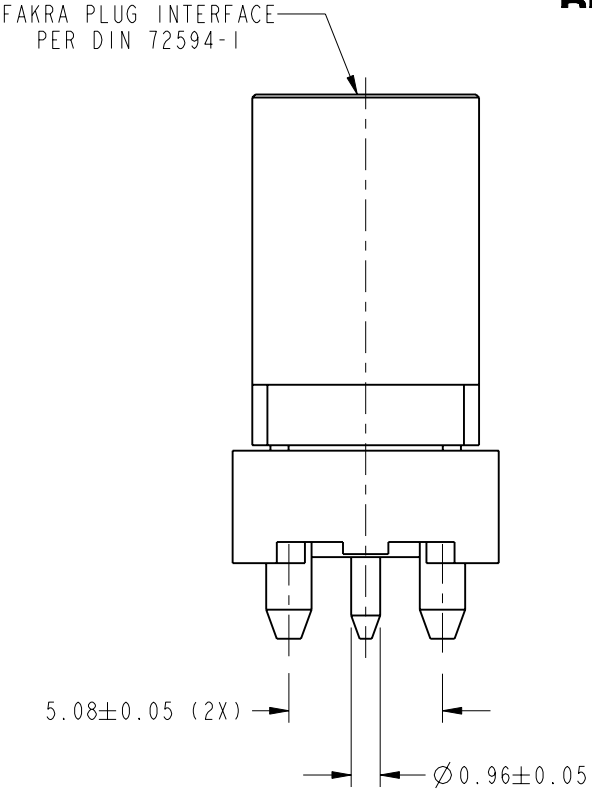
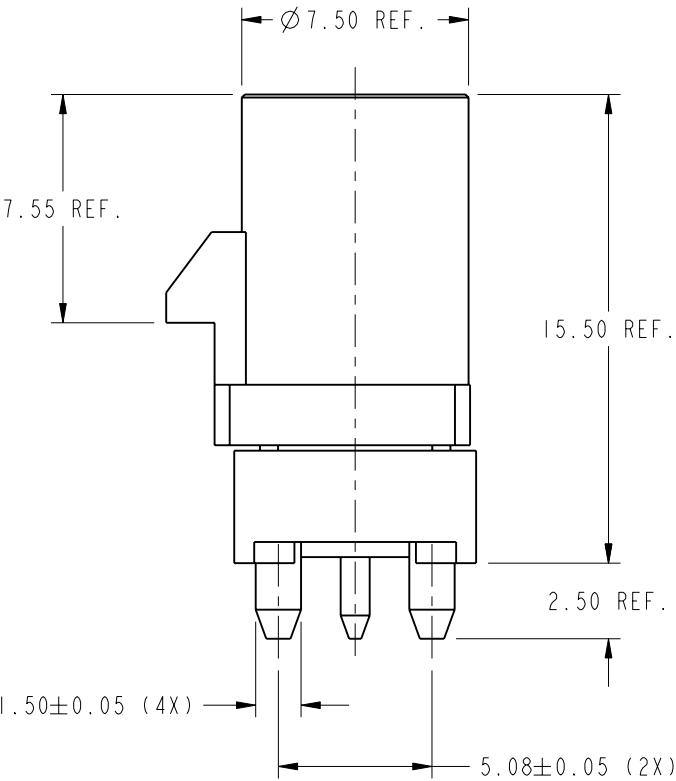
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	03-Jul-14	50085	JY



RECOMMENDED PCB LAYOUT

**CONFIGURATION CONTROL:**  
NO CHANGES PERMITTED TO DRAWING WITHOUT  
PPAP QUALIFIED CUSTOMER APPROVAL

CODING	PART NUMBER & DRAWING NUMBER	COLOR	RAL NO.
A	2FAI-NASP-PCBB6	JET BLACK	9005
B	2FAI-NBSP-PCBB6	CREAM	9001
C	2FAI-NCSP-PCBB6	SIGNAL BLUE	5005
D	2FAI-NDSP-PCBB6	CLARET VIOLET	4004
E	2FAI-NESP-PCBB6	LEAF GREEN	6002
F	2FAI-NFSP-PCBB6	NUT BROWN	8011
G	2FAI-NGSP-PCBB6	BLUE GREY	7031
H	2FAI-NHSP-PCBB6	HEATHER VIOLET	4003
I	2FAI-NISP-PCBB6	BEIGE	1001
K	2FAI-NKSP-PCBB6	CURRY	1027
L	2FAI-NLSP-PCBB6	CARMINE RED	3002
M	2FAI-NMSP-PCBB6	PASTEL ORANGE	2003
N	2FAI-NNSP-PCBB6	PASTEL GREEN	6019
Z	2FAI-NZSP-PCBB6	WATER BLUE	5021



**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 -	DRAWN H.CHEN	DATE 03-Jul-14	TITLE FAKRA PCB PLUG		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
		ENGINEER J. YANG	DATE 03-Jul-14				
	REFERENCE EAR05758                      AND                      2FAI-NXSP-PCBS7	APPROVED S.HSIEH	DATE 03-Jul-14	SCALE: 4.0:1.0	SHEET    2 OF 2	DRAWING NO. 2FAI-NXSP-PCBB6	
	CONFIGURATION LEVEL:	CAD FILE		DWG SIZE B	REV A	ITEM NO.        2FAI-NXSP-PCBB6	
FINISH					PART NO.        2FAI-NXSP-PCBB6		

# Mouser Electronics

Authorized Distributor

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[2FA1-NZSP-PCBB6](#)