

NOTES:

1. MATERIALS AND FINISHES:

- BODY
- ZINC DIECAST PER ASTM B86, MATTE TIN PLATING (.000100 THICK MIN.)
- INNER BODY
- BRASS PER ASTM B16, NICKEL PL. 100 MIN.THICK OVER COPPER STRIKE
- CONTACT
- BRASS PER ASTM B16, GOLD PLATING (.000030 THICK MIN.)
- INSULATOR
- PTFE PER ASTM D1710, COLOR: NATURAL
- COLOR RING
- NYLON 46, 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:
- 65° C TO 165° C
- C. SUITABLE FOR PICK AND PLACE AND SOLDER REFLOW
- PROCESSING PER AMPHENOL SPEC. 349-50712
- D. CONNECTOR-BOARD RETENTION:
- 110N MIN., AXIAL
- E. FAKRA INTERFACE PER DIN 72594-1
- F. MOISTURE SEAL: INTERFACE MEETS IP64 (UNMATED)

4. PACKAGING:

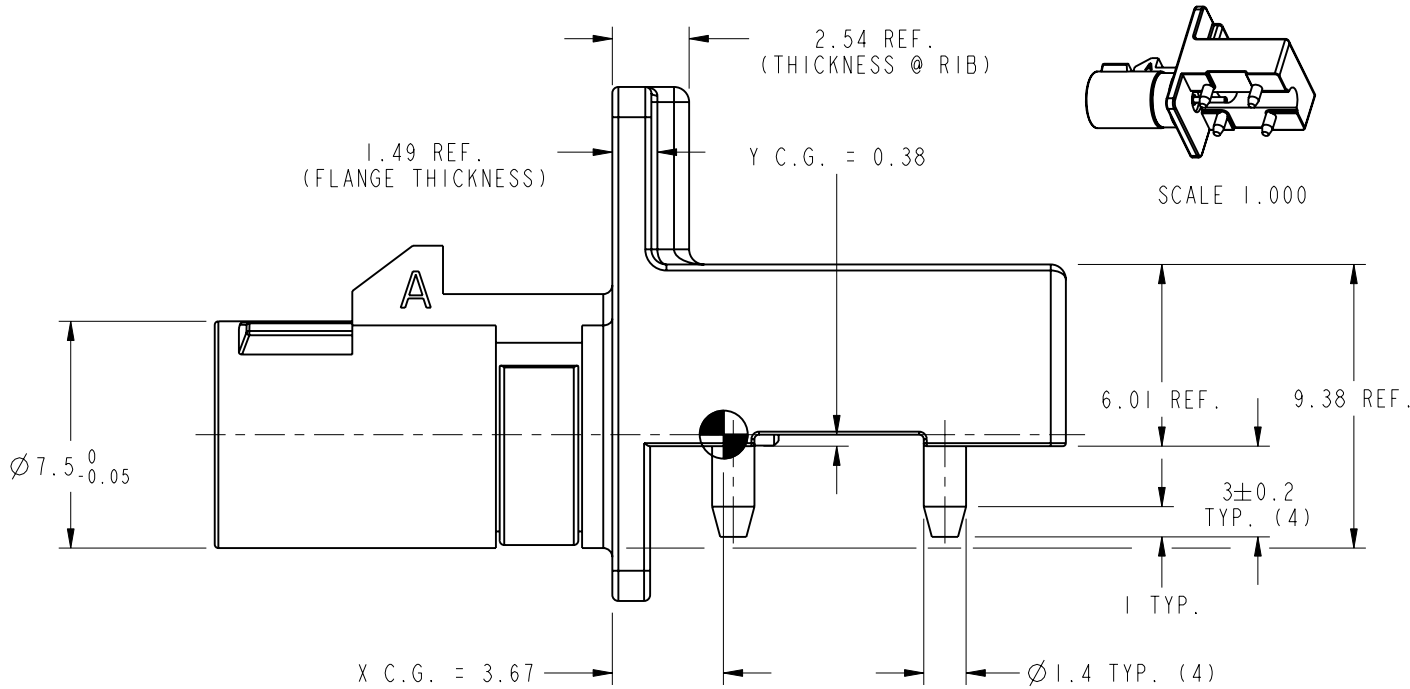
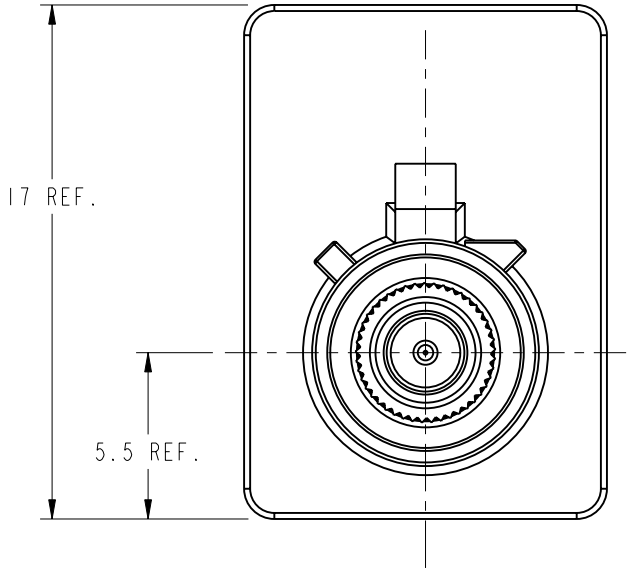
- A. TAPE & REEL
- B. MARKING: REELS TO BE MARKED:
- "AMPHENOL RF, 2FAI-NXSP-PCB-3, AND DATE CODE"

THIRD ANGLE PROJ.



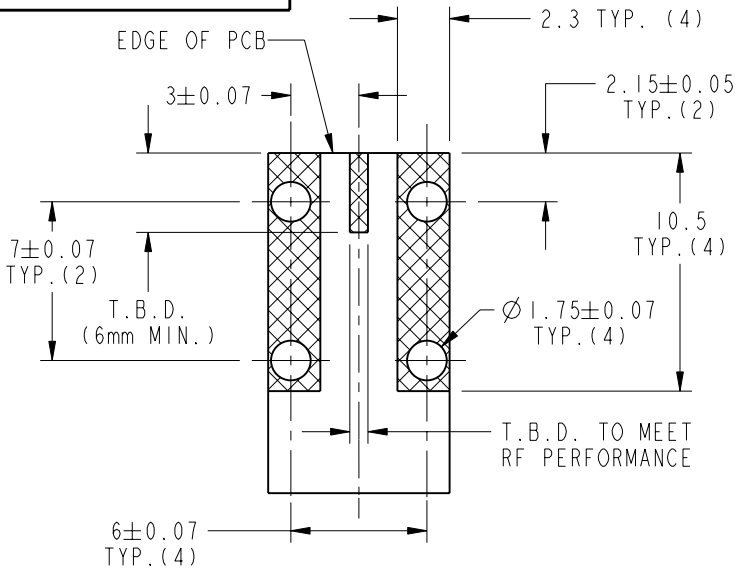
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	28-Dec-09	47940	BCG
B	A) 17 REF. WAS 21 REF., B) Y.C.G.: 0.38 WAS 3.268 C) REMOVED MOUNTING HOLE \RD-DM11050401K\	09-May-11	48148	MJN

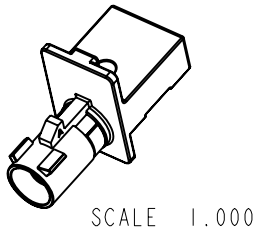


CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT
PPAP QUALIFIED CUSTOMER APPROVAL

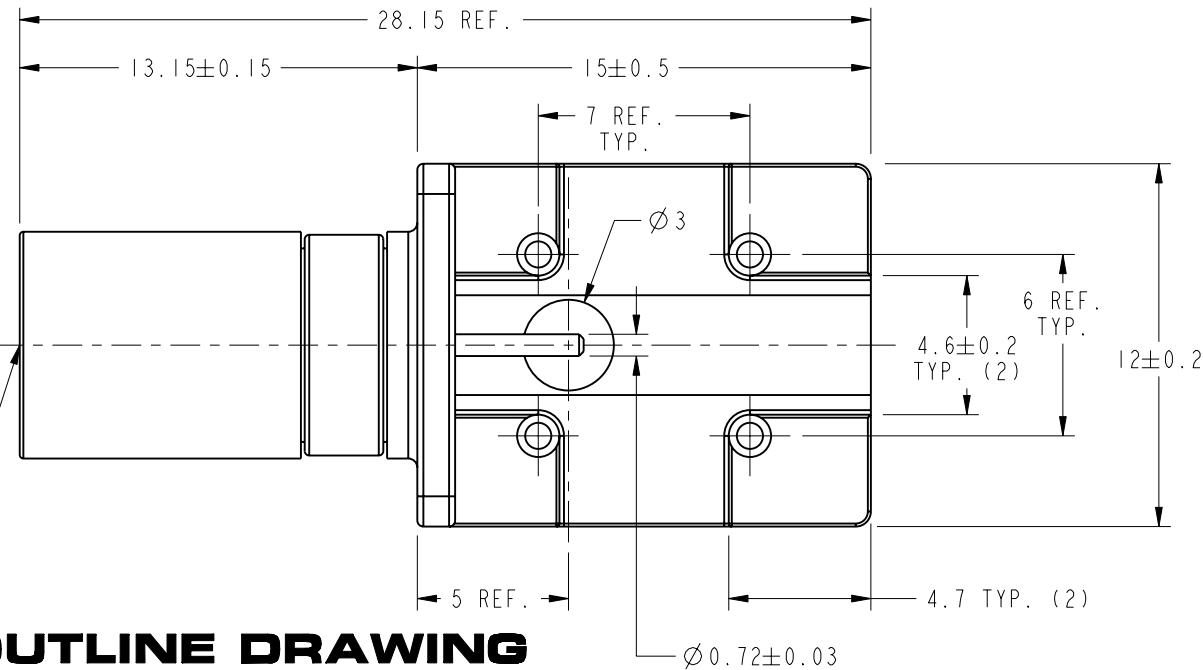
AMPHENOL RF PART NUMBER	CODING	COLOR
2FAI-NASP-PCB-3	A	JET BLACK
2FAI-NBSP-PCB-3	B	CREAM
2FAI-NCSP-PCB-3	C	SIGNAL BLUE
2FAI-NDSP-PCB-3	D	CLARET VIOLET
2FAI-NESP-PCB-3	E	LEAF GREEN
2FAI-NFSP-PCB-3	F	NUT BROWN
2FAI-NGSP-PCB-3	G	BLUE GREY
2FAI-NHSP-PCB-3	H	HEATHER VIOLET
2FAI-NISP-PCB-3	I	BEIGE
2FAI-NKSP-PCB-3	K	CURRY
2FAI-NLSP-PCB-3	L	CARMINE RED
2FAI-NMSP-PCB-3	M	PASTEL ORANGE
2FAI-NNSP-PCB-3	N	PASTEL GREEN
2FAI-NZSP-PCB-3	Z	WATER BLUE



RECOMMENDED PCB LAYOUT



FAKRA INTERFACE
PER NOTE 3E



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm ± 0.05mm 0.5 - 6mm ± 0.1mm 6 - 30mm ± 0.2mm 30 - 120mm ± 0.3mm ANGLES ±1°

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MATERIAL - -	DRAWN B.C. GLEISSNER	DATE 13-Jun-08	TITLE FAKRA PLUG, PCB MOUNT, LOW PROFILE, STR. CONTACT, WITH MOUNTING FLANGE		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
	ENGINEER B.C. GLEISSNER	DATE 13-Jun-08				
REFERENCE EAR # 2920 AND	APPROVED S.HSIEH	DATE 09-May-11	SCALE: 4.0:1.0		SHEET 2 OF 2	DRAWING NO. 2FAI-NXSP-PCB-3
CONFIGURATION LEVEL: RELEASE	CAD FILE		DWG SIZE		REV	ITEM NO. 2FAI-NXSP-PCB-3
FINISH	I:\FAKRA\2FAI-NXSP-PCB-3		B		B	PART NO. 2FAI-NXSP-PCB-3