

NOTES:

1. MATERIALS AND FINISHES (IN MICRO-INCHES):

- BODY = ZINC DIECAST, MATTE TIN PL. 100 MIN. THICK OVER NICKEL PL. 100 MIN. THICK OVER COPPER PL.(250 MIN./300 MAX.) THICK
- CONTACT = BRASS, GOLD PL. 5 MIN. THICK OVER PHOSPHORUS CONTENT 9%~13% ELECTROLESS NICKEL PL. 100 MIN. THICK
- INSULATOR = PTFE, COLOR: NATURAL.
- COVER = BRASS, MATTE TIN PL. 100 MIN. THICK OVER NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE
- HOUSING = NYLON 46, COLOR & KEYING PER FAKRA-KEY-PLUG (REFER TO TABLE BELOW FOR KEY CODE)

2. ELECTRICAL:

- A. FREQUENCY RANGE: DC- 3 GHz
- B. VSWR: 1.200 (DC-3.0 GHz)

3. MECHANICAL:

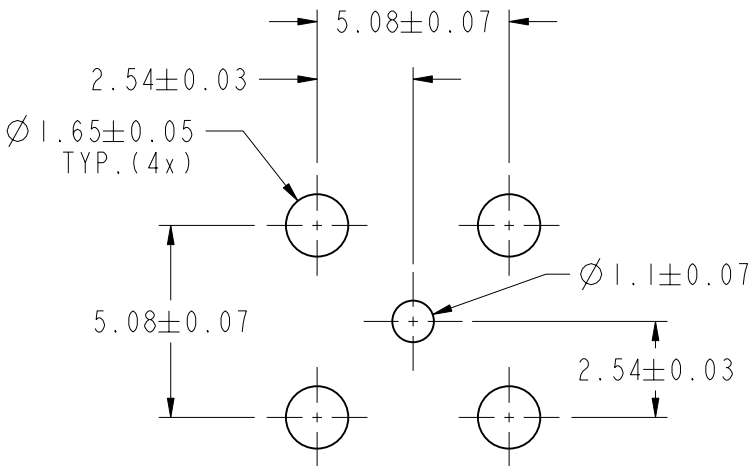
- A. DURABILITY: 100 CYCLES MIN.
- B. TEMPERATURE RANGE: -40° C TO +85° C
- C. HOUSING RETENTION: 110N MIN. (AXIAL)

4. PACKAGING:

- A. QUANTITY: TRAY PACK
- B. MARKING: TRAY TO BE MARKED
"AMPHENOL,2FAI-SXRP-PCBB2, AND DATE CODE"

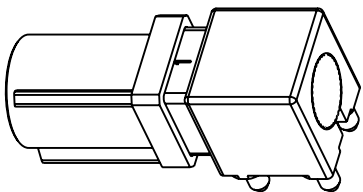
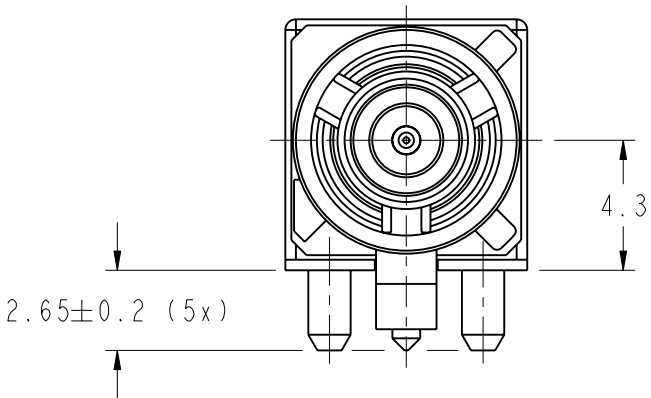
CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT
PPAP QUALIFIED CUSTOMER APPROVAL

CODING	DRAWING NO.	COLOR	RAL NO.
A	2FAI-SARP-PCBB2	JET BLACK	9005
B	2FAI-SBRP-PCBB2	CREAM	9001
C	2FAI-SCRP-PCBB2	SIGNAL BLUE	5005
D	2FAI-SDRP-PCBB2	CLARET VIOLET	4004
E	2FAI-SERP-PCBB2	LEAF GREEN	6002
F	2FAI-SFRP-PCBB2	NUT BROWN	8011
G	2FAI-SGRP-PCBB2	BLUE GREY	7031
H	2FAI-SHRP-PCBB2	HEATHER VIOLET	4003
I	2FAI-SIRP-PCBB2	BEIGE	1001
K	2FAI-SKRP-PCBB2	CURRY	1027
L	2FAI-SLRP-PCBB2	CARMINE RED	3002
M	2FAI-SMRP-PCBB2	PASTEL ORANGE	2003
N	2FAI-SNRP-PCBB2	PASTEL GREEN	6019
Z	2FAI-SZRP-PCBB2	WATER BLUE	5021

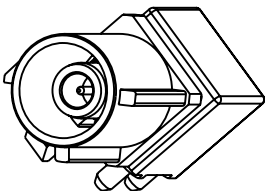


RECOMMENDED PCB LAYOUT

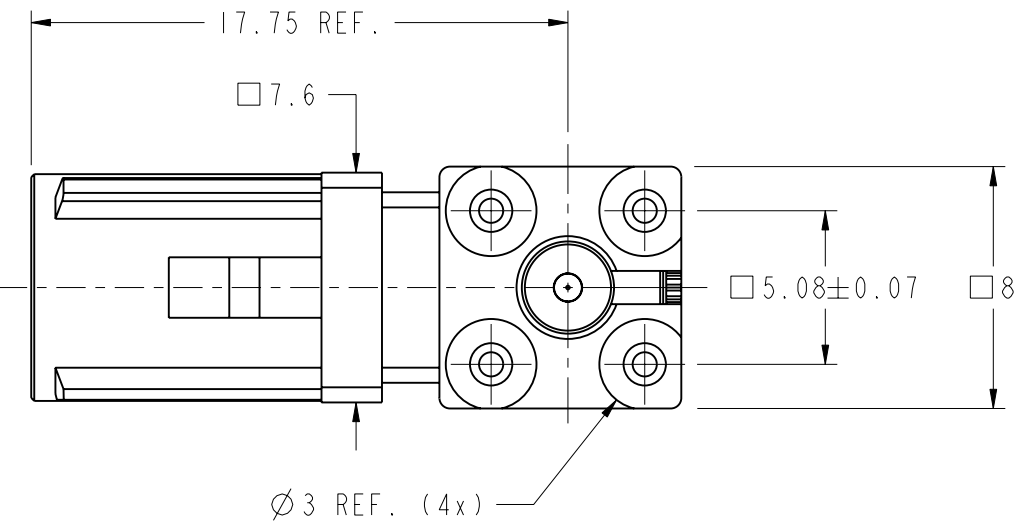
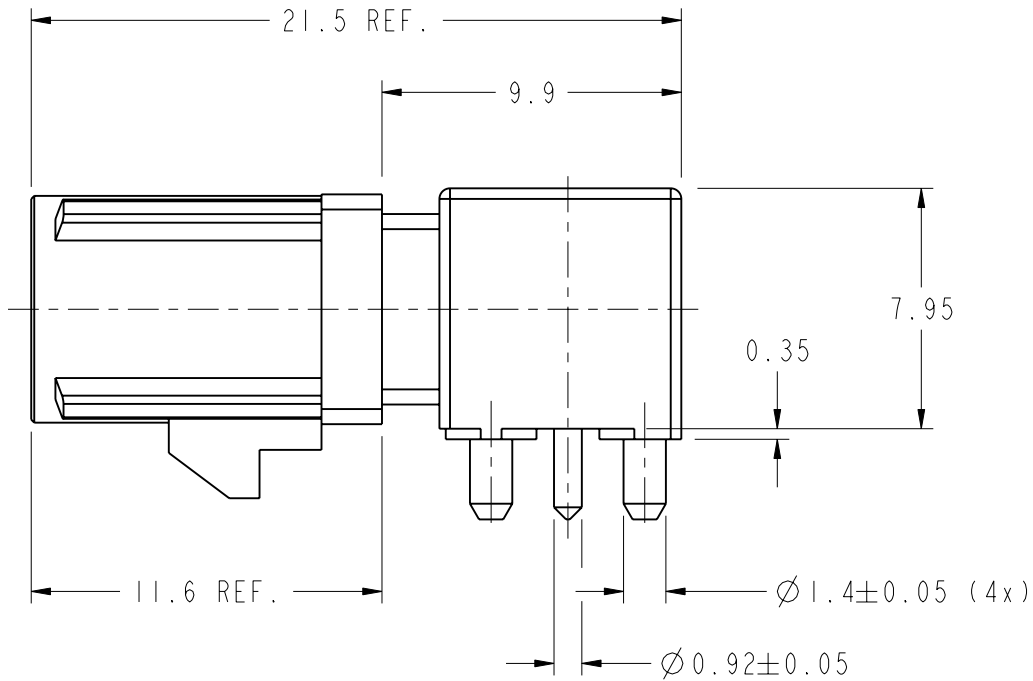
SCALE 5.000



SCALE 2.000



REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	05-Aug-10	48135	JY
B	MODIFIED BODY \RD-DM12022901K\	07-Mar-12	48978	JY
C	SEE SHEET 1 \RD-DM16022601P\	08-Mar-16	51043	EW



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
 $\pm 0.05mm$ $\pm 0.1mm$ $\pm 0.2mm$ $\pm 0.3mm$ $\pm 1^\circ$

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MATERIAL -	DRAWN K.LIAO	DATE 07-Mar-12	TITLE FAKRA PLUG, R/A, PCB, SOUTH		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
	ENGINEER B.C. GLEISSNER	DATE 04-Mar-10				
	REFERENCE EAR #3958 AND	APPROVED S.HSIEH				
CONFIGURATION LEVEL:	CAD FILE		SCALE: 5.0:1.0	SHEET	2 OF 2	DRAWING NO. 2FAI-SXRP-PCBB2
FINISH	I:\FAKRA\2FAI-SXRP-PCBB2		DWG SIZE B		REV C	ITEM NO. 2FAI-SXRP-PCBB2
						PART NO. 2FAI-SXRP-PCBB2