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. IMPEDANCE : 50 OHM, NOMINAL
   B. FREQUENCY RANGE : DC-3.0 GHz
   C. VSWR[RETURN LOSS]: 1.200 [-20.8 dB], MAX.(DC-200 MHz)
      (MATED PAIR) 1.400 [-15.6 dB], MAX.(200 MHz-2.0 GHz)
      1.500 [-13.9 dB], MAX.(2.0-3.0 GHz)
   D. D.W.V. : 800 VRMS, MIN.

3. MECHANICAL:

   A. DURABILITY: 100 CYCLES MIN.
   B. TEMPERATURE RANGE: -40° C TO +105° C
   C. HOUSING RETENTION: 110N MIN. (AXIAL)

4. PACKAGING:

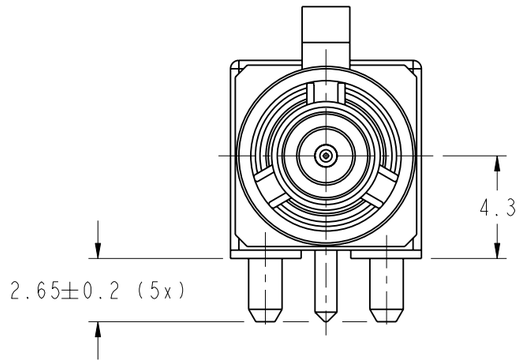
   A. QUANTITY: TRAY PACK
   B. MARKING: TRAY TO BE MARKED "AMPHENOL RF, 2FAI-NXRP-PCBB2, AND DATE CODE"

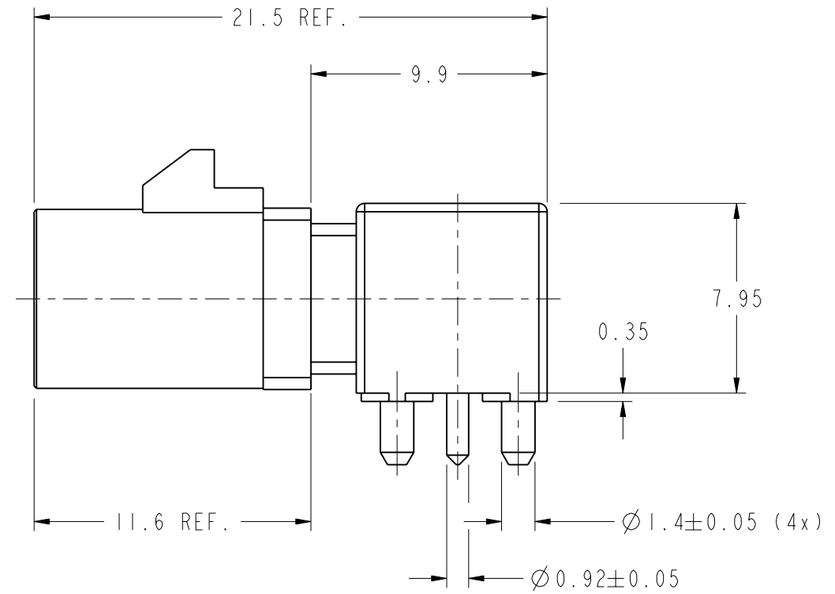
CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT PPAP QUALIFIED CUSTOMER APPROVAL

THIRD ANGLE PROJ.

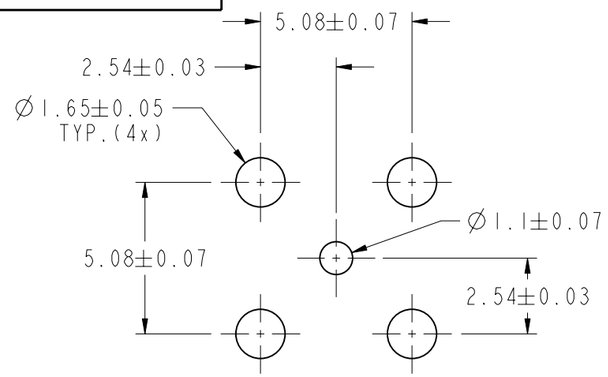
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	25-Aug-14	50161	JY
B	SEE SHEET 1 \RD-DMI602260IP\	08-Mar-16	51043	EW



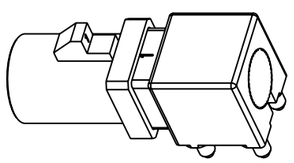


CODING	DRAWING NO.	COLOR	RAL NO.
A	2FAI-NARP-PCBB2	JET BLACK	9005
B	2FAI-NBRP-PCBB2	CREAM	9001
C	2FAI-NCRP-PCBB2	SIGNAL BLUE	5005
D	2FAI-NDRP-PCBB2	CLARET VIOLET	4004
E	2FAI-NERP-PCBB2	LEAF GREEN	6002
F	2FAI-NFRP-PCBB2	NUT BROWN	8011
G	2FAI-NGRP-PCBB2	BLUE GREY	7031
H	2FAI-NHRP-PCBB2	HEATHER VIOLET	4003
I	2FAI-NIRP-PCBB2	BEIGE	1001
K	2FAI-NKRP-PCBB2	CURRY	1027
L	2FAI-NLRP-PCBB2	CARMINE RED	3002
M	2FAI-NMRP-PCBB2	PASTEL ORANGE	2003
N	2FAI-NNRP-PCBB2	PASTEL GREEN	6019
Z	2FAI-NZRP-PCBB2	WATER BLUE	5021

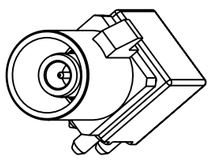


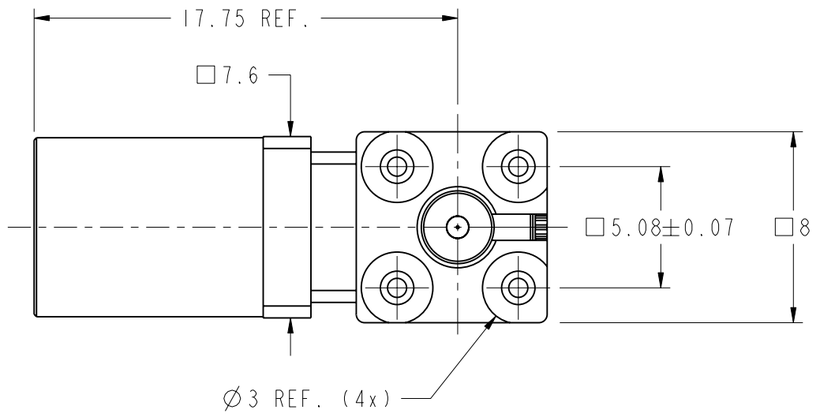
RECOMMENDED PCB LAYOUT

SCALE 5.000



SCALE 2.000





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°

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MATERIAL

REFERENCE

FINISH

DRAWN K.LIAO	DATE 25-Aug-14	
ENGINEER J.YANG	DATE 25-Aug-14	
APPROVED S.HSIEH	DATE 08-Mar-16	
CAD FILE		

TITLE
FAKRA PLUG, R/A, PCB, NORTH

SCALE: 5.0:1.0 | SHEET 2 OF 2

DWG SIZE B | REV B

Amphenol RF
Danbury CT USA, Tainan, Taiwan, Shenzhen, China
www.amphenolrf.com

DRAWING NO. 2FAI-NXRP-PCBB2
ITEM NO. 2FAI-NXRP-PCBB2
PART NO. 2FAI-NXRP-PCBB2