

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. 8 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 PER AMPHENOL SPEC. 349-50688
(REFER TO TABLE BELOW FOR KEY CODE)
2. ELECTRICAL:
A. FREQUENCY RANGE: DC- 4 GHz
B. VSWR:1.4 (DC-4.0 GHz)
3. MECHANICAL:
A. DURABILITY: 100 CYCLES MIN.
B. TEMPERATURE RANGE: -65° C TO 165° C
C. HOUSING MUST WITHSTAND 110N MIN. PULL
OUT FORCE FROM FAKRA BODY.
4. PACKAGING:
A. QUANTITY: TRAY PACK
B. MARKING: TRAY TO BE MARKED
"AMPHENOL,2FAI-NXRP-PCB-6, AND DATE CODE"

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

CODING	DRAWING NO.	COLOR	RAL NO.
A	2FAI-NARP-PCB-6	JET BLACK	9005
B	2FAI-NBRP-PCB-6	CREAM	9001
C	2FAI-NCRP-PCB-6	SIGNAL BLUE	5005
D	2FAI-NDRP-PCB-6	CLARET VIOLET	4004
E	2FAI-NERP-PCB-6	LEAF GREEN	6002
F	2FAI-NFRP-PCB-6	NUT BROWN	8011
G	2FAI-NGRP-PCB-6	BLUE GREY	7031
H	2FAI-NHRP-PCB-6	HEATHER VIOLET	4003
I	2FAI-NIRP-PCB-6	BEIGE	1001
K	2FAI-NKRP-PCB-6	CURRY	1027
L	2FAI-NLRP-PCB-6	CARMINE RED	3002
M	2FAI-NMRP-PCB-6	PASTEL ORANGE	2003
N	2FAI-NNRP-PCB-6	PASTEL GREEN	6019
Z	2FAI-NZRP-PCB-6	WATER BLUE	5021

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

REFERENCE
EAR # 02961 AND
CONFIGURATION LEVEL:
FINISH

DRAWN
J.YANG

ENGINEER
J.YANG

APPROVED
DANIEL.HU

DATE
25-Apr-08

DATE
25-Apr-08

DATE
14-Sep-11

TITLE
FAKRA SMB R/A PCB
MOUNT PLUG

SCALE: 5.0:1.0 SHEET 2 OF 2
DWG SIZE B REV B

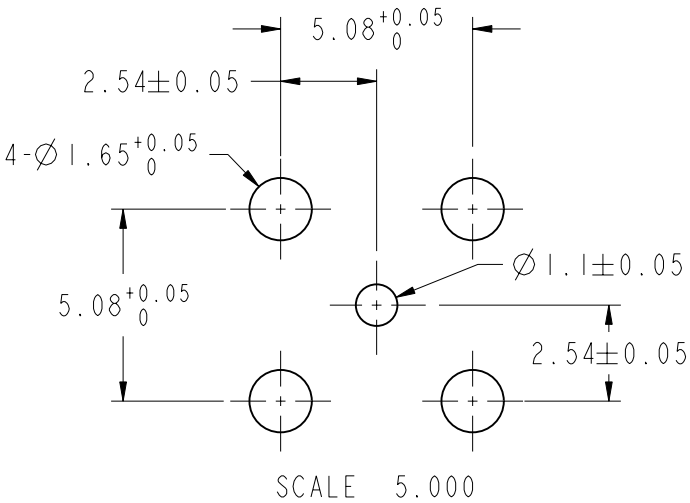
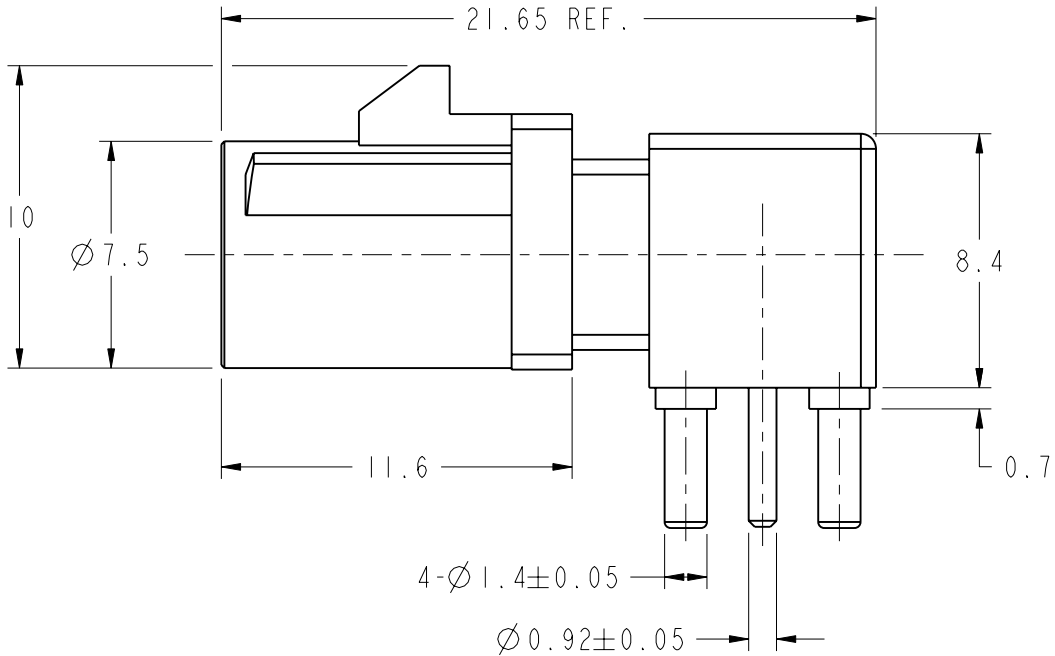
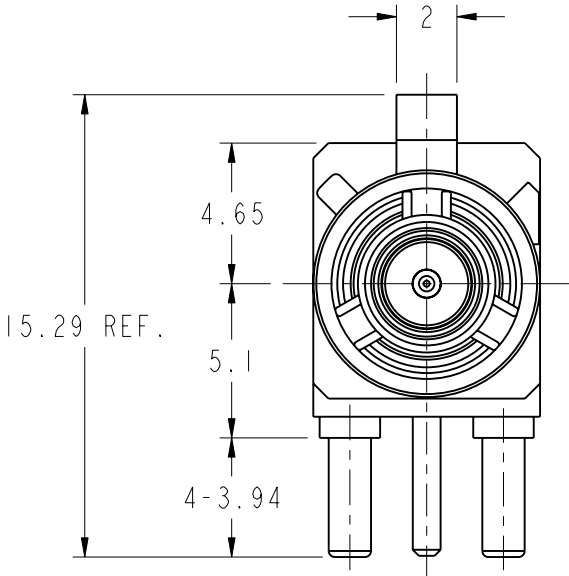
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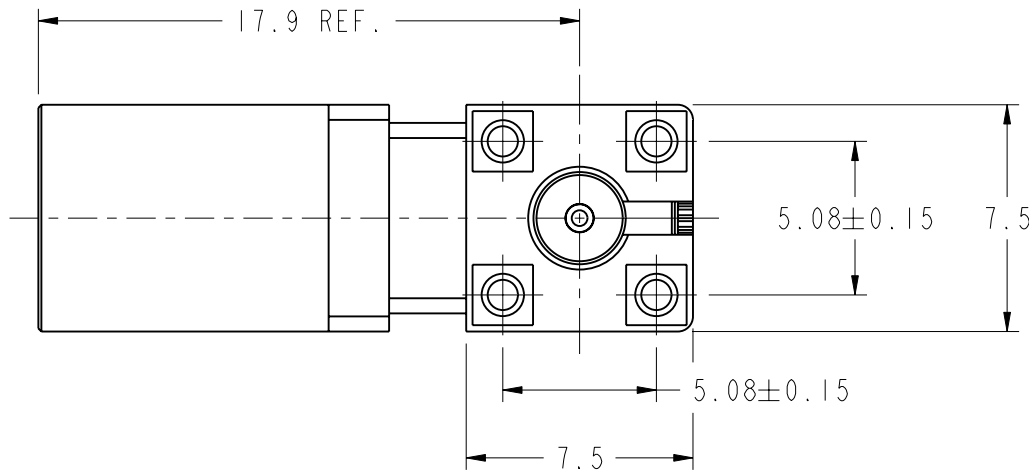
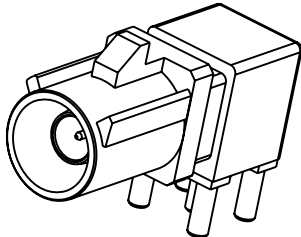
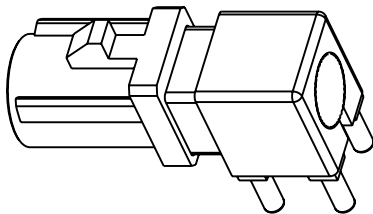
DRAWING NO.2FAI-NXRP-PCB-6

ITEM NO. 2FAI-NXRP-PCB-6

PART NO. 2FAI-NXRP-PCB-6



RECOMMENDED PCB
LAYOUT



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY