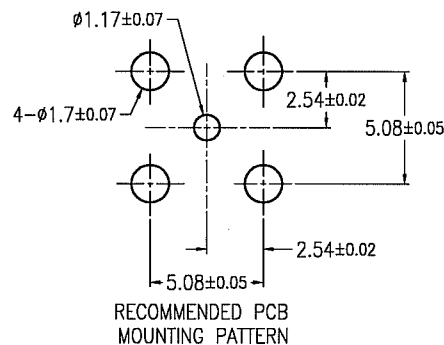
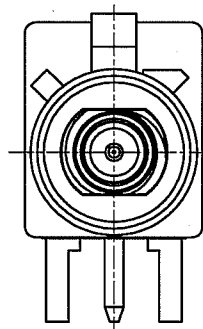
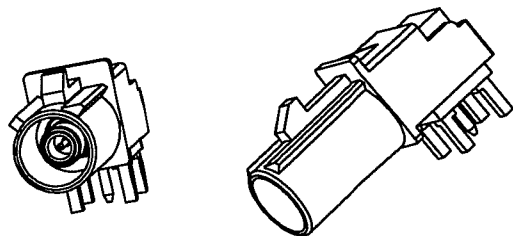
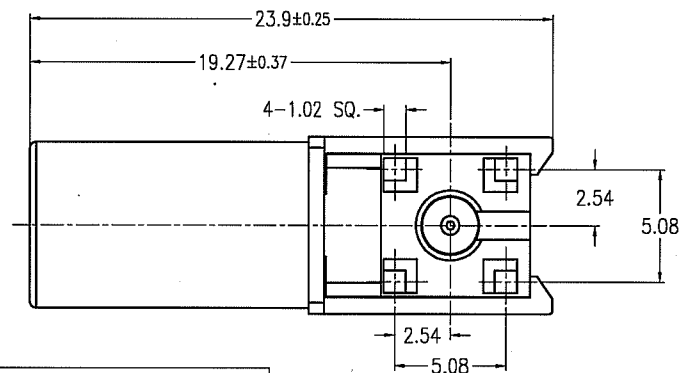
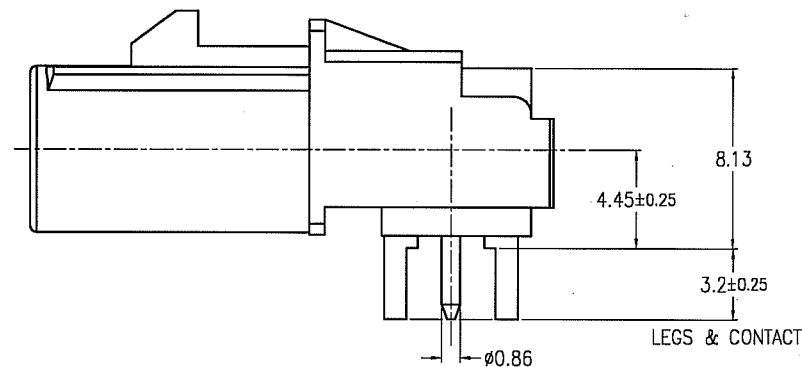


NOTES:

- MATERIALS AND FINISHES(PLATING THICKNESS IN MICRO-INCHES):
BODY = ZINC DIECAST, GOLD PL. 3 MIN. THICK OVER NICKEL PL. 100 MIN. THICK OVER COPPER PL. 300 MIN. THICK
INSULATOR = TEFLON, COLOR: NATURAL
CONTACT = BRASS, GOLD PL. 30 MIN. THICK OVER NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE
LOCK COVER = PBT(GF 15%), COLOR PER AMPHENOL SPEC. 349-50688 (REFER TO TABLE BELOW FOR KEY CODE)
- ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC – 6 GHz (OPTIMIZED FOR DC – 4 GHz)
C. VSWR(RETURN LOSS): 1.4 (–15.6 dB), MAX.(DC–2 GHz)
(MATED PAIR) 1.5 (–13.9 dB), MAX.(2 –3 GHz)
D. DIELECTRIC WITHSTANDING VOLTAGE: 800 VRMS, MIN.
- MECHANICAL:
A. DURABILITY: 100 CYCLES MIN.
B. TEMPERATURE RANGE: – 65°C to +125°C
- PACKAGING
A. QUANTITY: TRAY PACK
B. MARKING: TRAY TO BE MARKED
"AMPHENOL, FA1–NXRP–PCB–6A, AND DATE CODE"

RECOMMENDED PCB
MOUNTING PATTERN

CONFIGURATION CONTROL:

NO CHANGES PERMITTED TO DRAWING WITHOUT
PPAP QUALIFIED CUSTOMER APPROVAL

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

TABLE

KEY CODING	COLOR	RAL NUMBER	PART NO.
A	JET BLACK	9005	FA1–NARP–PCB–6A
B	CREAM	9001	FA1–NBRP–PCB–6A
C	SIGNAL BLUE	5005	FA1–NCRP–PCB–6A
D	CLARET VIOLET	4004	FA1–NDRP–PCB–6A
E	LEAF GREEN	6002	FA1–NERP–PCB–6A
F	NUT BROWN	8011	FA1–NFRP–PCB–6A
G	BLUE GREY	7031	FA1–NGRP–PCB–6A
H	HEATHER VIOLET	4003	FA1–NHRP–PCB–6A
I	BEIGE	1001	FA1–NIRP–PCB–6A
K	CURRY	1027	FA1–NKRIP–PCB–6A
L	CARMINE RED	3002	FA1–NLRP–PCB–6A
M	PASTEL ORANGE	2003	FA1–NMRP–PCB–6A
N	PASTEL GREEN	6019	FA1–NNRP–PCB–6A
Z	WATER BLUE	5021	FA1–NZRP–PCB–6A

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

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MATERIAL

REFERENCE

FINISH

DRAWN

NANCY

DATE

16-Jul-03

ENGINEER

NANCY

DATE

16-Jul-03

APPROVED

S.HSIEH

DATE

16-Jul-03

CAD FILE

F:\DWG\CNPD\FA1\NXRP\PCB\6A-DSZ

TITLE

FAKRA PLUG R/A,
PCB MOUNTED

SCALE: 3/1

DWG SIZE

B

SHEET

CODE ID

74868

2 OF 2

REV

D

Amphenol RF

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

DRAWING NO.

FA1–NXRP–PCB–6A

ITEM NO.

FA1–NXRP–PCB–6A

PART NO.

FA1–NXRP–PCB–6A