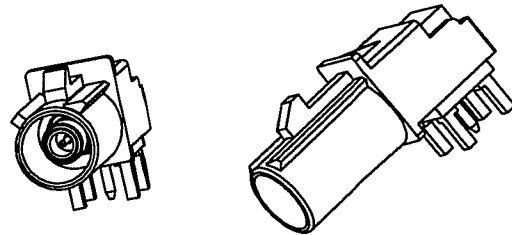


NOTES:

1. 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)
2. 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.
3. MECHANICAL:
A. DURABILITY: 100 CYCLES MIN.
B. TEMPERATURE RANGE: - 65°C to +125°C
4. PACKAGING
A. QUANTITY: TRAY PACK
B. MARKING: TRAY TO BE MARKED
"AMPHENOL, FA1-NXRP-PCB-6A, AND DATE CODE"



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-NKRP-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

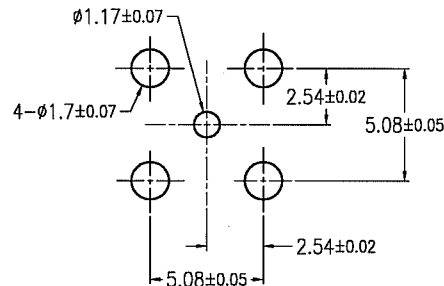
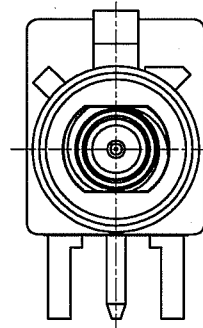
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
0.5 – 6mm ±0.1mm 6 – 30mm ±0.2mm 30 – 120mm ±0.3mm ANGLES ±1°

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MATERIAL

REFERENCE

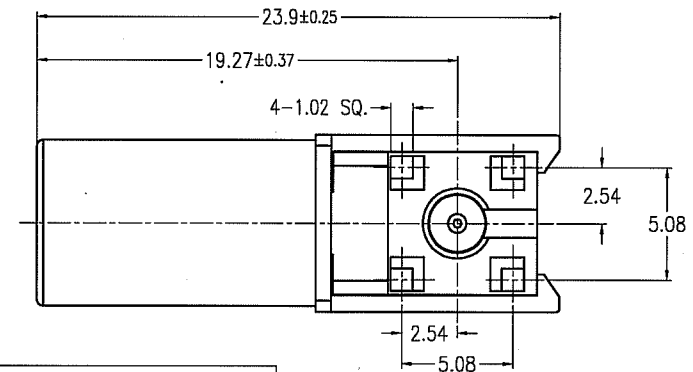
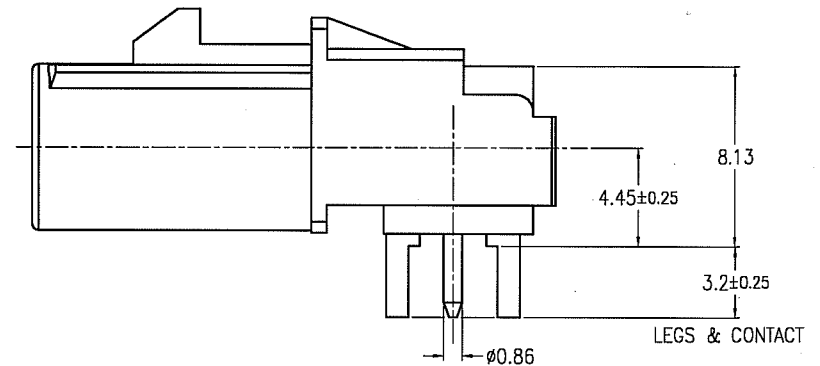
FINISH

RECOMMENDED PCB
MOUNTING PATTERN

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
B	ADD L M N KEY CODEING \RD-DM93081001\ 26-Sep-07	19-Feb-08		EVAN
D	ITEM.4 WAS 903-10605 \RD-DM08100701S2	15-Dec-08	45685	1001



CONFIGURATION CONTROL:

NO CHANGES PERMITTED TO DRAWING WITHOUT
PPAP QUALIFIED CUSTOMER APPROVAL

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

DRAWN NANCY	DATE 16-Jul-03	TITLE FAKRA PLUG R/A, PCB MOUNTED	Amphenol RF Danbury CT USA, Tainan Taiwan, Shenzhen China www.amphenolrf.com
ENGINEER NANCY	DATE 16-Jul-03		DRAWING NO. FA1-NXRP-PCB-6A
APPROVED S.HSIEH	DATE 16-Jul-03	SCALE: 3/1	ITEM NO. FA1-NXRP-PCB-6A
CAD FILE F:\DWG\CNPD\FA1\NXRP\PCB\6A-DSZ		SHEET 2 OF 2	PART NO. FA1-NXRP-PCB-6A
		DWG SIZE B	
		CODE ID 74868	
		REV D	