

NOTES:

1. MATERIALS AND FINISHES:

BODY - ZINC DIECAST (ZAMAK #3, ASTM-B86) - GOLD PL 3 MIN. THICK OVER NICKEL PL. 100 MIN. THICK OVER COPPER PL. 300 MIN. THICK.
CONTACT - BRASS (ASTM-B16 H02, C36000) - GOLD PL. 30 MIN. THICK OVER NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE.
INSULATORS (3) - PTFE PER ASTM D 1710 OR EQUIV.
HOUSING - NYLON 66, GLASS FILLED 30%, COLOR: (SEE TABLE BELOW)

2. ELECTRICAL:

A. IMPEDANCE = 50 OHM
B. FREQUENCY RANGE = DC TO 2.5 GHz

3. MECHANICAL:

A. DURABILITY = 100 CYCLES MIN.
B. TEMPERATURE RANGE = -65° C TO +125° C
C. HOUSING RETENTION = 10.0 LBS. MIN.

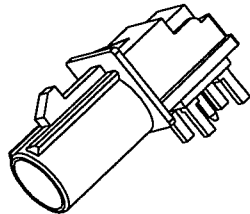
4. PACKAGING:

A. QUANTITY: 100 PCS. PER BAG
B. BAG MARKING: AMPHENOL
FAI-NXRP-PCB-6B (SEE TABLE)
DATE CODE (YYWW)
QTY: 100

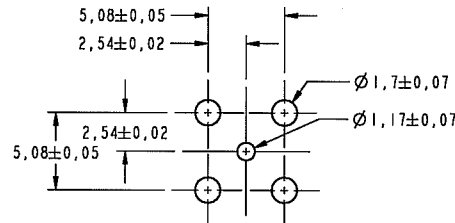
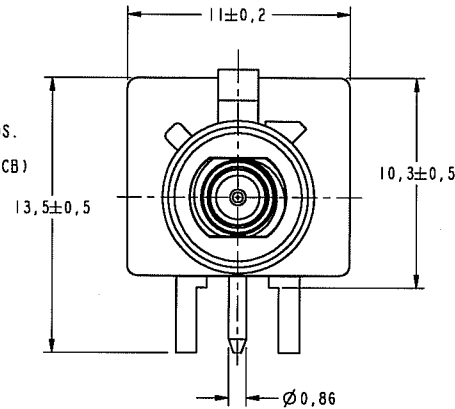
5. HEATING STAGE: RECOMMEND SOLDERING TEMPERATURE 210°C WITHIN 30 SECONDS.

6. PROCESSING TEMPERATURE: 200°C MAX. (AIR TEMPERATURE ON TOP OF PCB)

7. SOLDERING TEMPERATURE: 270°C MAX. (SOLDER TEMPERATURE ON BOTTOM OF PCB)



SCALE 2.000



RECOMMENDED PCB
MOUNTING PATTERN

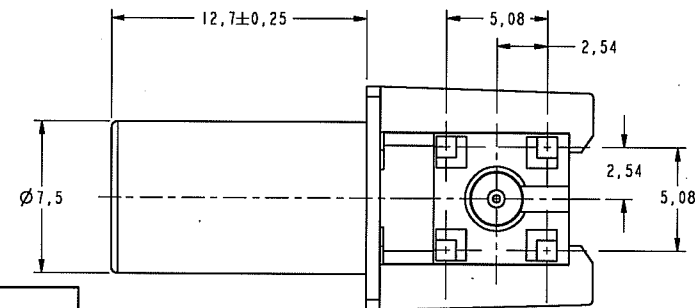
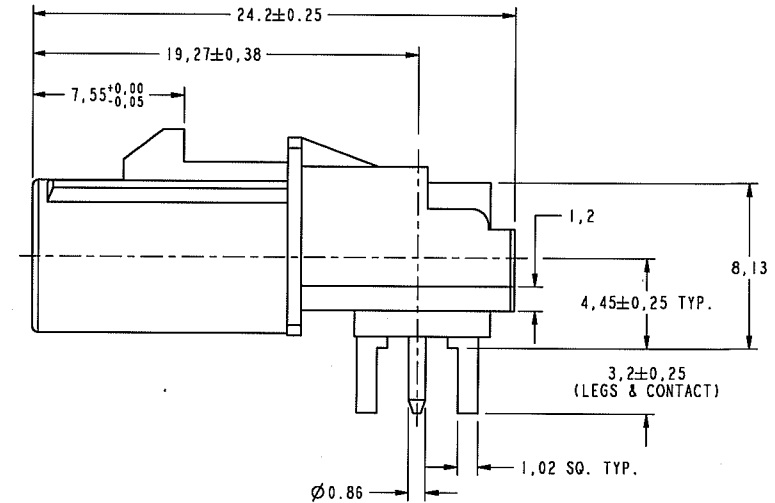
SCALE 3.000

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.	3/5/08	46965	ET
B	SEE SHEET 1	17-Nov-08	45685	CSA



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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

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	DRAWN EVAN	DATE 22-Jan-08	TITLE FAKRA PLUG, R/A, PCB, KEY CODES A-Z (HOUSING INSTALLED)			Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
	ENGINEER JERRY	DATE 22-Jan-08					
REFERENCE FAI-NXRP-PCB-6A	APPROVED S.HSIEH	DATE 05-Mar-08	SCALE: 4.0:1.0	SHEET 2 OF 2			
	CAD FILE I:\FAKRA\FAI-NXRP-PCB-6B		DWG SIZE B	CODE ID 74868	REV B	ITEM NO. FAI-NXRP-PCB-6B	PART NO. FAI-NXRP-PCB-6B
FINISH							