

NOTES:

1. MATERIALS AND FINISHES(IN MICRO-INCHES)  
BODY =ZINC DIECAST, BRIGHT TIN PLATED (200 MIN,)  
CONTACT =BRASS, GOLD PLATED (30 MIN.)  
INSULATOR =PTFE, COLOR: NATURAL.  
HOUSING =PBT (GLASS FILLED), COLOR:(SEE TABLE)

2. ELECTRICAL:  
A. IMPEDANCE = 50 OHM  
B. FREQUENCY RANGE = DC- 2.5Hz

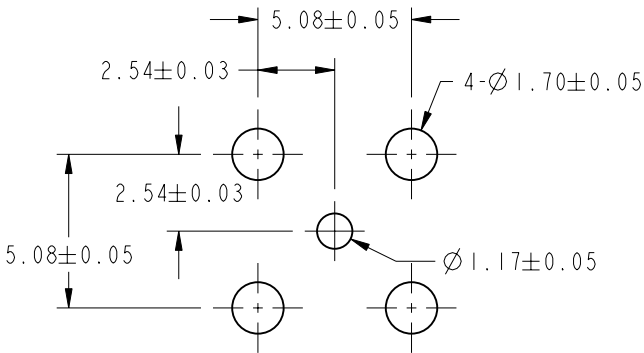
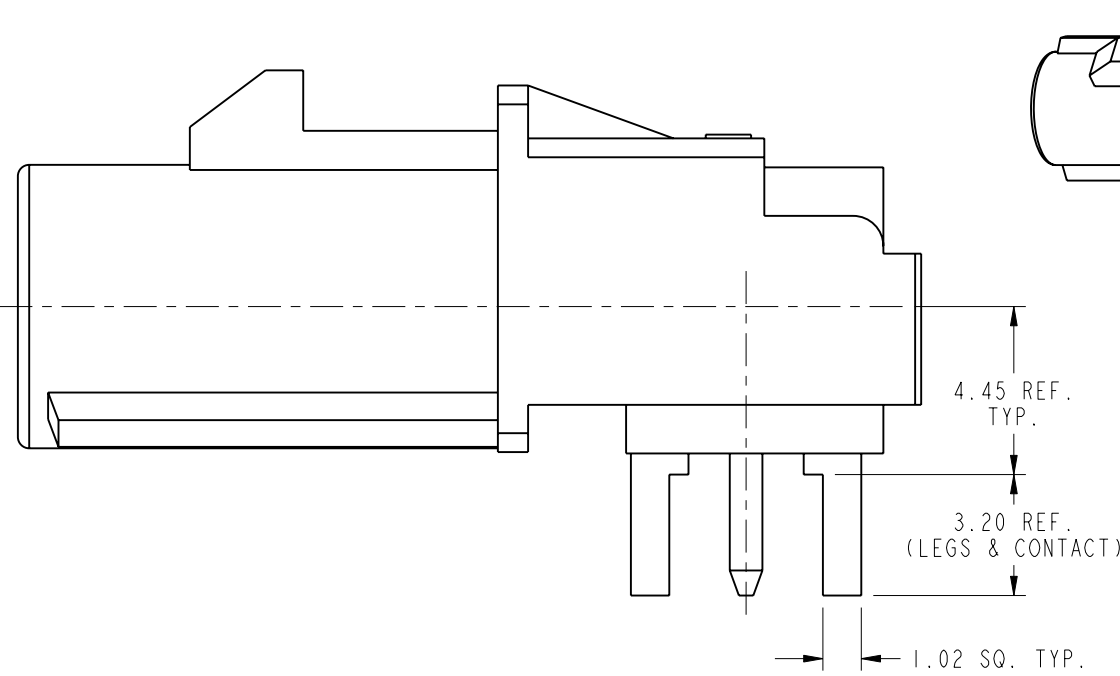
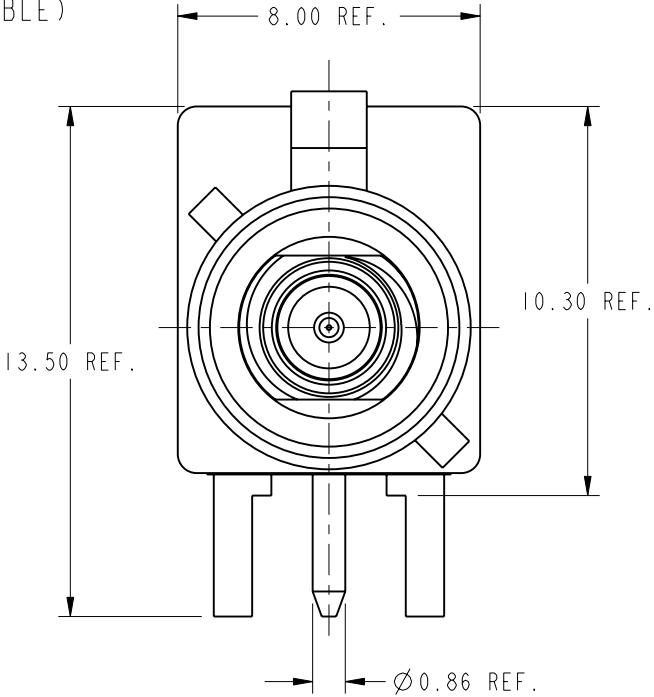
3. MECHANICAL:  
A. DURABILITY =100 CYCLES MIN.  
B. TEMPERATURE RANGE =-65° C TO +125° C

4. PACKAGING:  
A. TAPE & REEL  
B. MARKING: AMPHENOL  
FAI-NXRP-PCB-8A  
DATE CODE (YYWW)

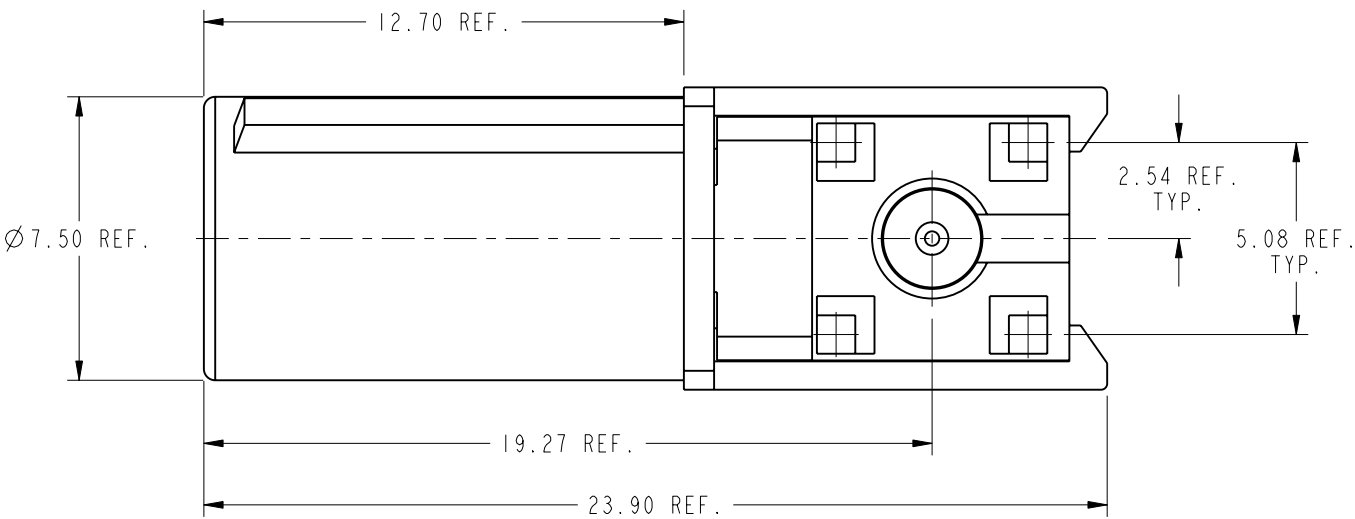
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	13-Feb-03	44366	CPM
B	TAPE & REEL WAS BAG	01-Apr-16	-----	RS



RECOMMENDED PCB LAYOUT



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

**CUSTOMER OUTLINE DRAWING**  
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

CODING	DRAWING NO.	COLOR	RAL NO.
A	FAI-NARP-PCB-8A	JET BLACK	9005
B	FAI-NBRP-PCB-8A	CREAM	9001
C	FAI-NCRP-PCB-8A	SIGNAL BLUE	5005
D	FAI-NDRP-PCB-8A	CLARET VIOLET	4004
E	FAI-NERP-PCB-8A	LEAF GREEN	6002
F	FAI-NFRP-PCB-8A	NUT BROWN	8011
G	FAI-NGRP-PCB-8A	BLUE GREY	7031
H	FAI-NHRP-PCB-8A	HEATHER VIOLET	4003
I	FAI-NIRP-PCB-8A	BEIGE	1001
K	FAI-NKRP-PCB-8A	CURRY	1027
L	FAI-NLRP-PCB-8A	CARMINE RED	3002
M	FAI-NMRP-PCB-8A	PASTEL ORANGE	2003
N	FAI-NNRP-PCB-8A	PASTEL GREEN	6019
Z	FAI-NZRP-PCB-8A	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: AND CONFIGURATION LEVEL: In Work	
FINISH	

DRAWN P.YU	DATE 07-Apr-16
ENGINEER R.SHANG	DATE 07-Apr-16
APPROVED S.HSIEH	DATE 07-Apr-16
CAD FILE	

TITLE FAKRA PLUG, R/A. PCB KEY CODES A - Z (HOUSING INSTALLED)	
SCALE: 5.0:1.0	SHEET 2 OF 2
DWG SIZE B	REV B

Amphenol RF www.amphenolrf.com	
DRAWING NO.FAI-NXRP-PCB-8A	
ITEM NO. FAI-NXRP-PCB-8A	
PART NO. FAI-NXRP-PCB-8A	

# Mouser Electronics

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