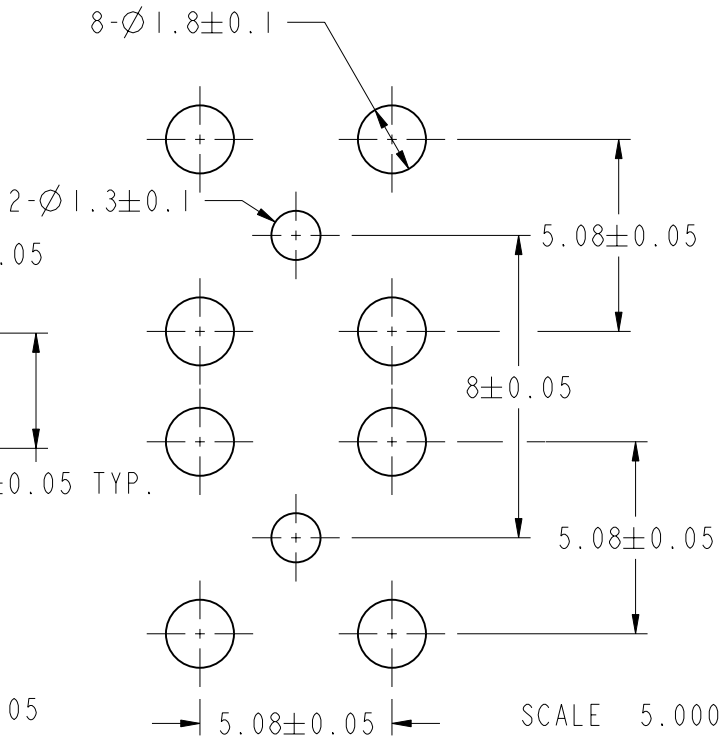
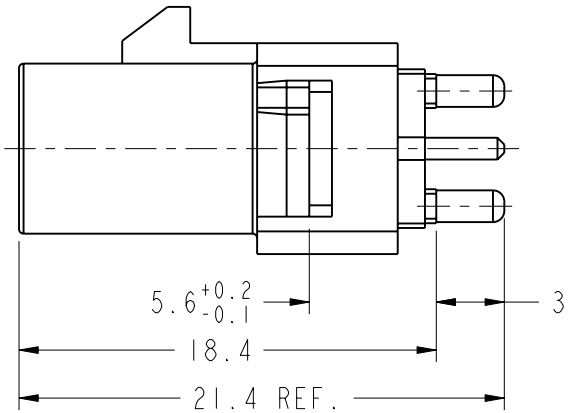
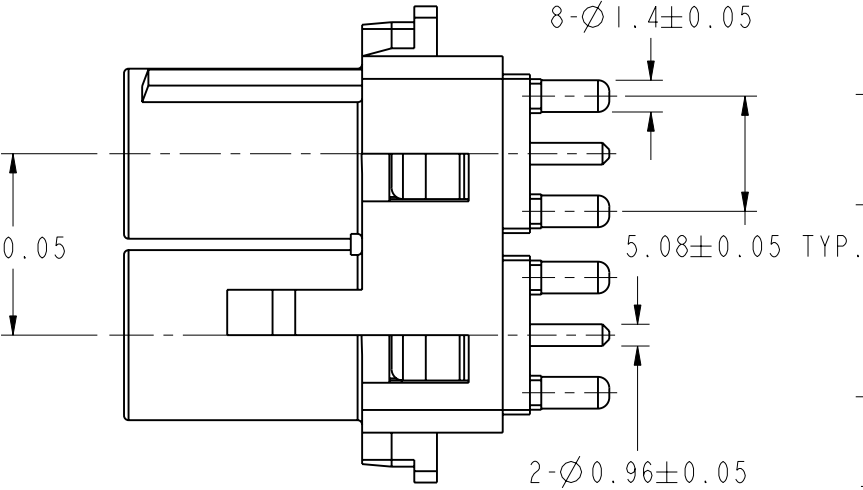
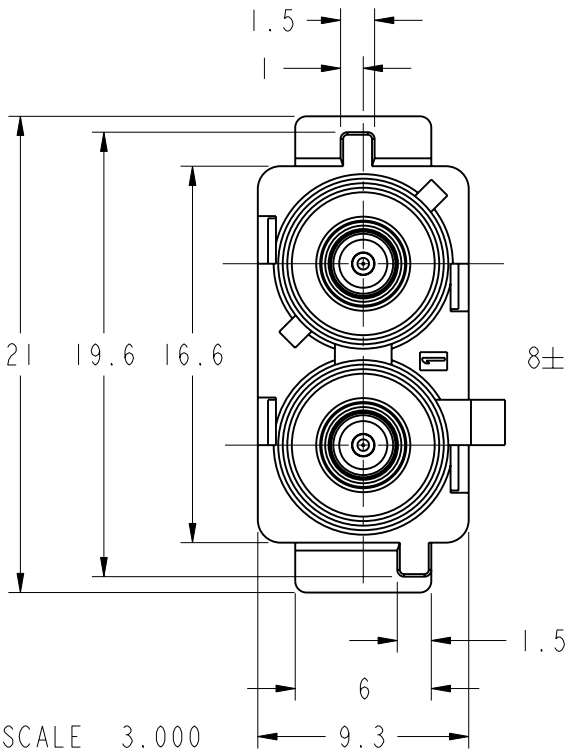
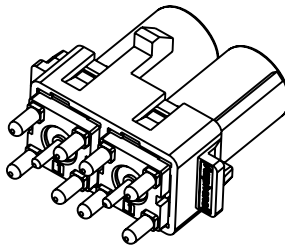
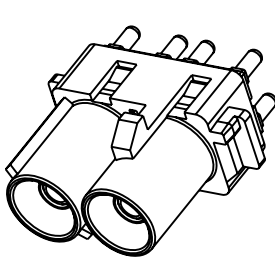


- NOTES:
1. MATERIALS AND FINISHES:(PLATING THICKNESS IN MICRO-INCHES):
BODY = ZINC DIE CAST PER ASTM B86, MATTE TIN PL. 100 MIN. THICK
CONTACT = BRASS,(PER ASTM B16, ALLOY C36000), GOLD PLATED (30 MIN.)
THICK OVER NICKEL (100 MIN.) THICK OVER COPPER STRIKE
INSULATORS = PTFE, COLOR: NATURAL
HOUSING = NYLON66, COLOR: SEE TABLE
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM (NOMINAL)
B. FREQUENCY RANGE: DC - 6 GHz,(OPTIMIZED FOR DC-4GHz)
C. VSWR(RETURN LOSS): 1.4 (-15.6 dB), MAX.(DC-2GHz)
(MATED PAIR) 1.5 (-13.9 dB), MAX.(2-3GHz)
D. DIELECTRIC WITHSTANDING VOLTAGE: 800 VRMS, MIN.
3. MECHANICAL:
A. DURABILTIY: 100 CYCLES MIN.
B. TEMERATURE RANGE: -40° C TO +100° C
C. DESIGNED FOR USE WITH 1.8mm THICK PCB
D. RECOMMENDED MOUNTING SCREW HEAD 6.4mm MAX.
4. PACKAGING:
A. QUANTITY: TRAY PACK.
B. TRAY TO BE MARKED: AMPHENOL RF
2FAH-NXSP-PCB-1
DATE CODE
5. ALL DIMENSIONS MECHANIC & ELECTRICAL DESIGN COMPLY WITH DIN 72594-1 AND USCAR-18 SPEC.



RECOMMENDED PCB LAYOUT DIMENSIONS



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	2FAH-NASP-PCB-1	JET BLACK	9005
B	2FAH-NBSP-PCB-1	CREAM	9001
C	2FAH-NCSP-PCB-1	SIGNAL BLUE	5005
D	2FAH-NDSP-PCB-1	CLARET VIOLET	4004
E	2FAH-NESP-PCB-1	LEAF GREEN	6002
F	2FAH-NFSP-PCB-1	NUT BROWN	8011
G	2FAH-NGSP-PCB-1	BLUE GREY	7031
H	2FAH-NHSP-PCB-1	HEATHER VIOLET	4003
I	2FAH-NISP-PCB-1	BEIGE	1001
K	2FAH-NKSP-PCB-1	CURRY	1027
L	2FAH-NLSP-PCB-1	CARMINE RED	3002
M	2FAH-NMSP-PCB-1	PASTEL ORANGE	2003
N	2FAH-NNSP-PCB-1	PASTEL GREEN	6019
Z	2FAH-NZSP-PCB-1	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°

NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

MATERIAL	DRAWN K.LIAO	DATE 12-Jan-12	TITLE FAKRA 2-WAY PCB MOUNT PLUG		Amphenol RF www.amphenolrf.com	
-	ENGINEER S. BEZIAN	DATE 12-Jan-12				
REFERENCE EAR # 5110 AND	APPROVED S.HSIEH	DATE 16-Jan-12	SCALE: 3.0:1.0 SHEET 2 OF 2		DRAWING NO. 2FAH-NXSP-PCB-1	
CONFIGURATION LEVEL:	CAD FILE		DWG SIZE B	REV A	ITEM NO. 2FAH-NXSP-PCB-1	
FINISH					PART NO. 2FAH-NXSP-PCB-1	