

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

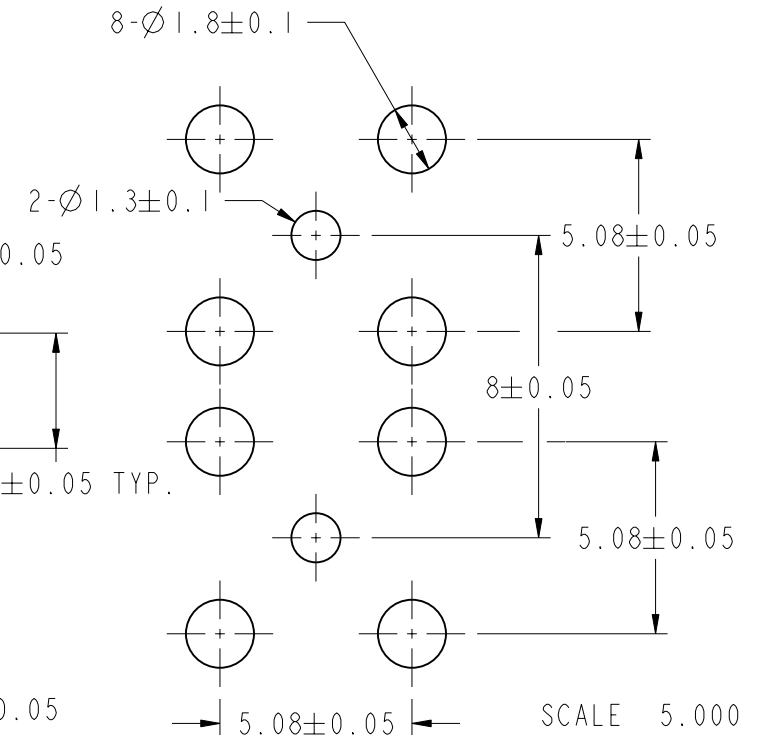
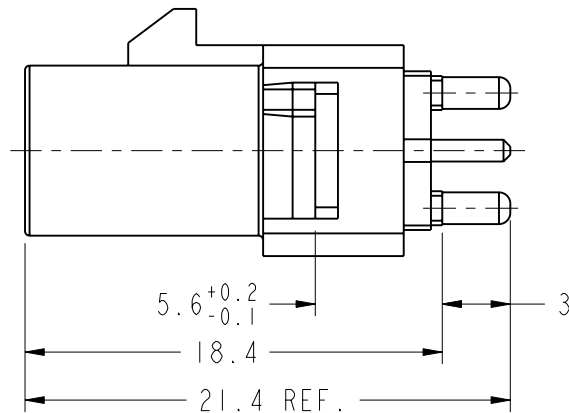
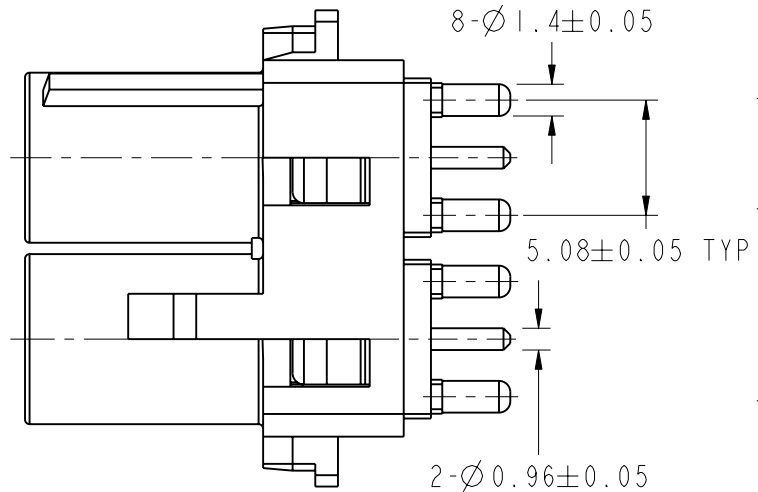
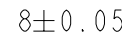
A. IMPEDANCE: 50 OHM (NOMINAL)
B. FREQUENCY RANGE: DC - 6 GHz, (OPTIMIZED FOR DC-4GHz)
C. VSWR (RETURN LOSS): 1.4 (-15.6 dB), MAX. (DC-2GHz)
(MATED PAIR) 1.5 (-13.9 dB), MAX. (2-3GHz)
D. DIELECTRIC WITHSTANDING VOLTAGE: 800 VRMS, MIN.

A. DURABILITY: 100 CYCLES MIN.
B. TEMPERATURE RANGE: -40° C TO +100° C
C. DESIGNED FOR USE WITH 1.8mm THICK PCB
D. RECOMMENDED MOUNTING SCREW HEAD 6.4mm MAX.

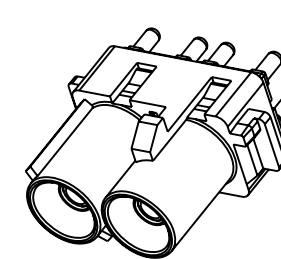
A. QUANTITY: TRAY PACK.
B. TRAY TO BE MARKED: AMPHENOL RF
2FAH-NXSP-PCB-1
DATE CODE

5. ALL DIMENSIONS MECHANIC & ELECTRICAL DESIGN COMPLY WITH DIN 72594-1 AND USCAR-18 SPEC.

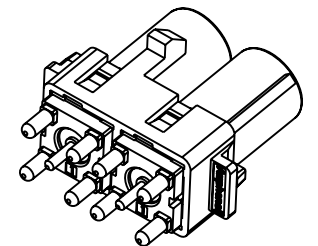
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	12-Jan-12	48917	JY/BCG



RECOMMENDED PCB LAYOUT DIMENSIONS



SCALE 1.500



SCALE 1.500

<u>CODING</u>	<u>DRAWING NO.</u>	<u>COLOR</u>	<u>RAL NO.</u>
A	2FAH-NASP-PCB-I	JET BLACK	9005
B	2FAH-NBSP-PCB-I	CREAM	9001
C	2FAH-NCSP-PCB-I	SIGNAL BLUE	5005
D	2FAH-NDSP-PCB-I	CLARET VIOLET	4004
E	2FAH-NESP-PCB-I	LEAF GREEN	6002
F	2FAH-NFSP-PCB-I	NUT BROWN	8011
G	2FAH-NGSP-PCB-I	BLUE GREY	7031
H	2FAH-NHSP-PCB-I	HEATHER VIOLET	4003
I	2FAH-NISP-PCB-I	BEIGE	1001
K	2FAH-NKSP-PCB-I	CURRY	1027
L	2FAH-NLSP-PCB-I	CARMINE RED	3002
M	2FAH-NMSP-PCB-I	PASTEL ORANGE	2003
N	2FAH-NNSP-PCB-I	PASTEL GREEN	6019
Z	2FAH-NZSP-PCB-I	WATER BLUE	5021

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

< 0.5mm	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
± 0.05mm	± 0.1mm	± 0.2mm	± 0.3mm	± 1°

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MATERIAL

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REFERENCE	EAR # 5110	AND
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CONFIGURATION LEVEL:

FINISH

DRAWN
K. LIAO

ENGINEER
S. BEZIAN

APPROVED
S. HSIEH

CAD FILE

DATE _____

12-Jan-12

DATE _____

12-Jan-12

DATE _____
 LG 1 _____

TITLE

TITLE
FABRICATION OF W

F AKRA 2-WAY PCB
MOUNT PLUG

SCALE: 3.0:1.0

DWG	SIZE
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OF ?

REV

A

Amphenol RF

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DRAWING NO. 2FAH-NXSP-PCB-1

ITEM NO.	2FAH-NXSP-PCB-1
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PART NO.	2FAH-NXSP-PCB-1
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CONFIGURATION CONTROL:
NO CHANGES PERMITTED TO DRAWING WITHOUT
PPAP QUALIFIED CUSTOMER APPROVAL

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY