

NOTES:

- MATERIALS AND FINISHES:**
 BODY: ZINC DIE CAST (ZAMAK #3 PER ASTM-B861), TIN PLATED, .00200 MIN. THICK PER MIL-T-10727,
 TYPE 1 OVER NICKEL PLATE, .000080 MIN. THICK PER QQ-N-290
 CONTACT: BRASS (ALLOY C36000 PER ASTM B16), GOLD PLATED (.000030/.000050) THICK PER MIL-G-45204,
 TYPE II GRADE C, OVER NICKEL (.000080/.000130) THICK PER QQ-N-290, CLASS I. MUST MEET
 SOLDERABILITY REQUIREMENTS OF MIL-STD-202 METHOD 208.
 INSULATOR: PTFE PER ASTM D1710, COLOR: WHITE
 HOUSING: NYLON 46, 30% GLASS FILLED, PER DSM, STANYL, GRADE TE250F6
 COLOR PER AMPHENOL SPEC. 349-50688 (REFER TO TABLE BELOW FOR KEY CODE)

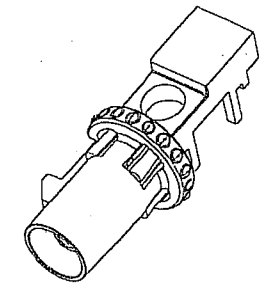
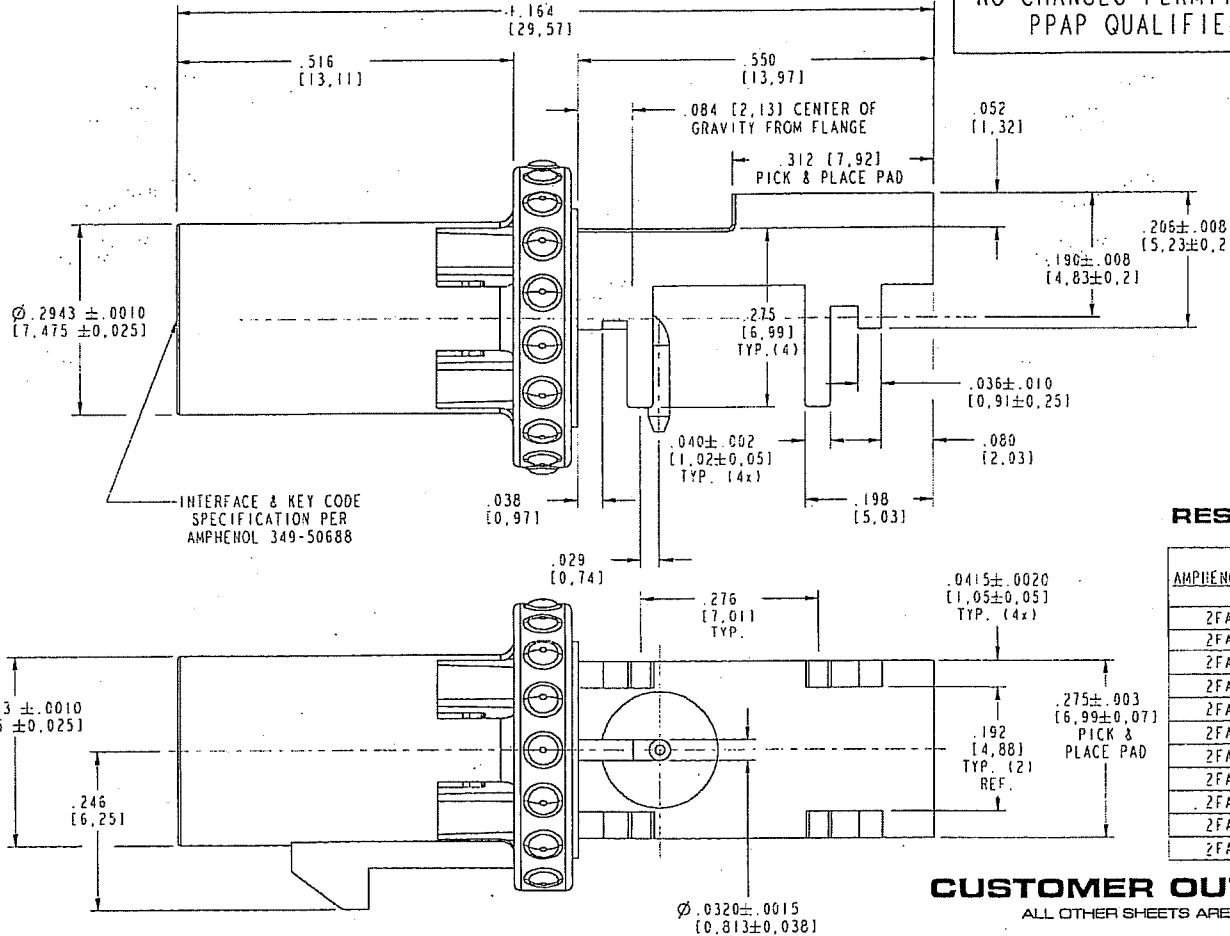
- ELECTRICAL:**
 A. IMPEDANCE: 50 OHM, NOMINAL
 B. FREQUENCY RANGE: DC - 6 GHz
 C. VSWR (RETURN LOSS): 1.2 (21 dB), MAX.
 D. DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS, MIN.
- MECHANICAL:**
 A. DURABILITY: 100 CYCLES MIN.
 B. TEMPERATURE RANGE: -65° C TO 165° C
 C. SUITABLE FOR PICK AND PLACE AND SOLDER REFLOW
 PROCESSING PER AMPHENOL SPEC. 349-50710
 D. CONNECTOR-BOARD RETENTION: 110H MIN., AXIAL
- PACKAGING:**
 A. QUANTITY: TAPE AND REEL
 B. MARKING: REEL TO BE MARKED
 AMPHENOL P/N, 2FAI-WXRP-PCB-T, AND DATE CODE

2FAI-WXRP-PCB-T

REVISIONS

DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ	01	RELEASE TO MFG.	1/27/06	45847	BCG
	B	SEE SHEET 1	3/13/06	45943	BCG

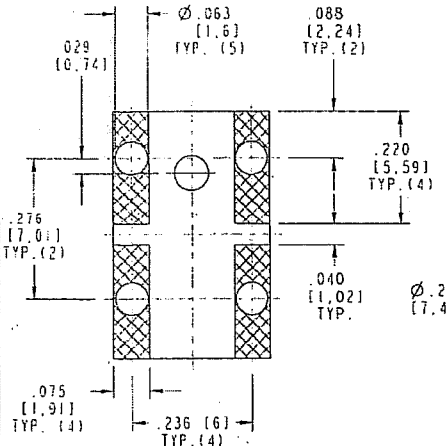
CONFIGURATION CONTROL:
 NO CHANGES PERMITTED TO DRAWING WITHOUT
 PPAP QUALIFIED CUSTOMER APPROVAL



SCALE 2.000

RESERVED PART NUMBERS

AMPHENOL REF PART NUMBER	CODING	COLOR
2FAI-WARP-PCB-T	A	DEEP BLACK
2FAI-WBRP-PCB-T	B	SIGNAL WHITE
2FAI-WCRP-PCB-T	C	SIGNAL BLUE
2FAI-WDRP-PCB-T	D	BORDEAUX VIOLET
2FAI-WERP-PCB-T	E	LEAF GREEN
2FAI-WFRP-PCB-T	F	BROWN
2FAI-WGRP-PCB-T	G	BLUE GREY
2FAI-WHRP-PCB-T	H	VIOLET
2FAI-WIRP-PCB-T	I	BEIGE
2FAI-WKRP-PCB-T	K	CURRY YELLOW
2FAI-WZRP-PCB-T	Z	WATER BLUE



RECOMMENDED PCB LAYOUT
 SCALE 4.000

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ± 0.015 (0.381 mm) ± 0.005 (0.127 mm) ± 1°	MATERIAL	DRAWN	DATE	TITLE	Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com
	REFERENCE SIMILAR TO: FAI-SXSP-PCB-X	B.C. GLEISSNER	17-Jan-06	FAKRA PLUG, PCB MOUNT, THRU HOLE	
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 or 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.	EARN# 1956 GEN# ASSYM5.FAKRA	ENGINEER	DATE		
		O. BARTHELMES	25-Apr-05		
		APPROVED	DATE		
		CAD FILE	1/27/06		
		1:FAKRA\2FAI-WXRP-PCB-T			
		CODE ID	DWG SIZE	DRAWING NO.	REV
		74868	B	2FAI-WXRP-PCB-T	B

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