

NOTES:

1. MATERIALS AND FINISHES:
 BODY = ZINC DIE CAST (ZAMAK #3 PER ASTM-B86), TIN PLATED, .000200 MIN. THICK PER MIL-T-10727,
 TYPE I 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)

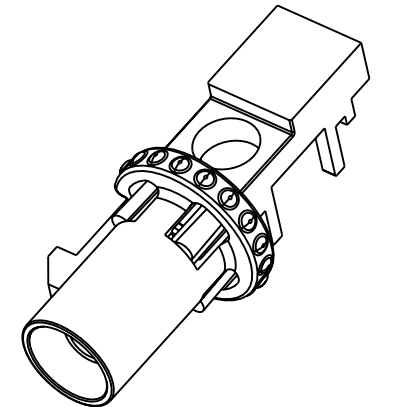
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM, NOMINAL
B. FREQUENCY RANGE: DC - 6 GHz
C. VSWR(RETURN LOSS): 1.2 (21 dB), MAX.
D. DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS, MIN.

3. 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: 110N MIN., AXIAL

4. PACKAGING:
A. QUANTITY: TAPE AND REEL
B. MARKING: REEL TO BE MARKED
AMPHENOL RF, 2FAI-WXRP-PCB-T, AND DATE CODE

2FAI-WXRP-PCB-T	REVISIONS				
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ. 	0A1	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

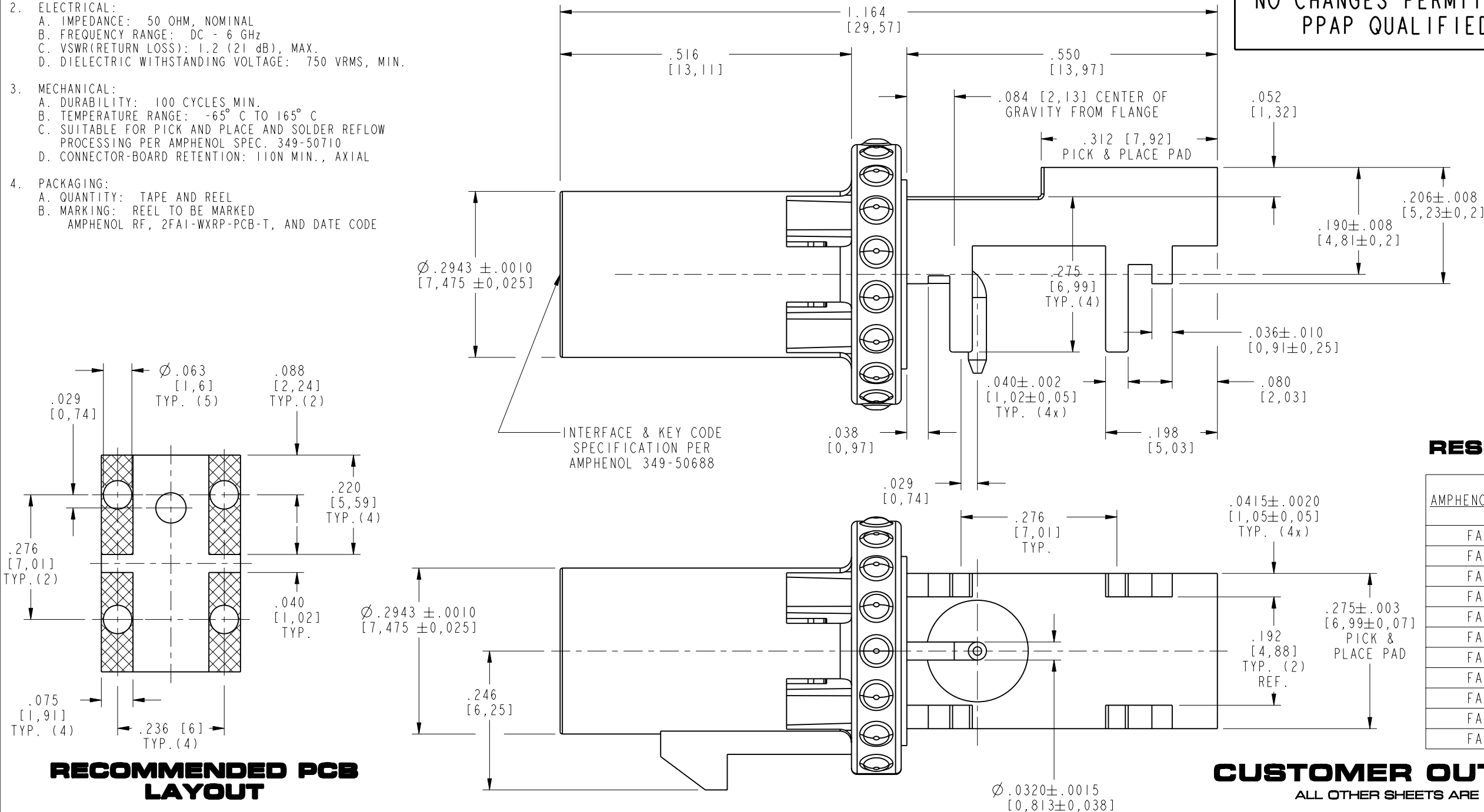


SCALE 2.000

RESERVED PART NUMBERS

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

RECOMMENDED PCB LAYOUT



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 ±.015 (0,381 mm) ±.005 (0,127 mm) ± 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 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.	MATERIAL		DRAWN B.C. GLEISSNER		DATE 17-Jan-06		TITLE FAKRA PLUG, PCB MOUNT, THRU HOLE			Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com		
	REFERENCE SIMILAR TO: FAI-SXSP-PCB-X		ENGINEER B.C. GLEISSNER		DATE 25-Apr-05							
			APPROVED O. BARTHELMES		DATE 1/27/06							
	EAR# 1956 GEN# ASSYM5_FAKRA		CAD FILE I:\FAKRA\2FAI-WXRP-PCB-T			CODE ID 74868	DWG SIZE B	DRAWING NO. 2FAI-WXRP-PCB-T			REV B	
SCALE: 5.0:1											SHEET 2 OF 2	