

NOTES:

1. MATERIALS AND FINISHES:
 BODY : ZINC DIE CAST (ZAMAK #3 PER ASTM-B861, TIN PLATED, .000200 MIN. THICK PER MIL-T-10727,
 TYPE 1 OVER NICKEL PLATE, .000080 MIN. THICK PER QQ-N-290
 CONTACT : BRASS (ALLOY C36000 PER ASTM B161), GOLD PLATED (.000030/.000050) THICK PER MIL-G-45204,
 TYPE 11 GRADE C, OVER NICKEL (.000080/.000130) THICK PER QQ-N-290, CLASS 1. 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. 349-50668 (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

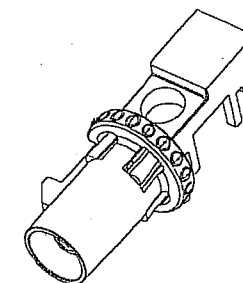
4. PACKAGING:
 A. QUANTITY: TAPE AND REEL
 B. MARKING: REEL TO BE MARKED
 AMPHENOL RF, 2FAI-WXRP-PCB-T, AND DATE CODE

2FAI-WXRP-PCB-T

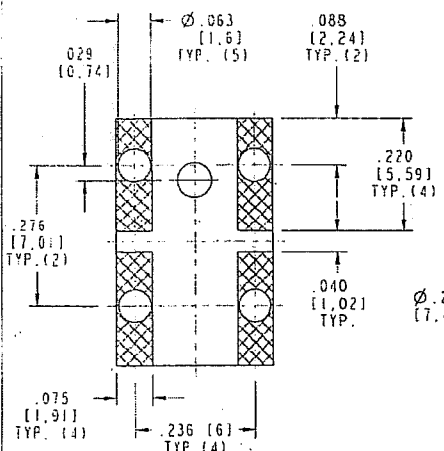
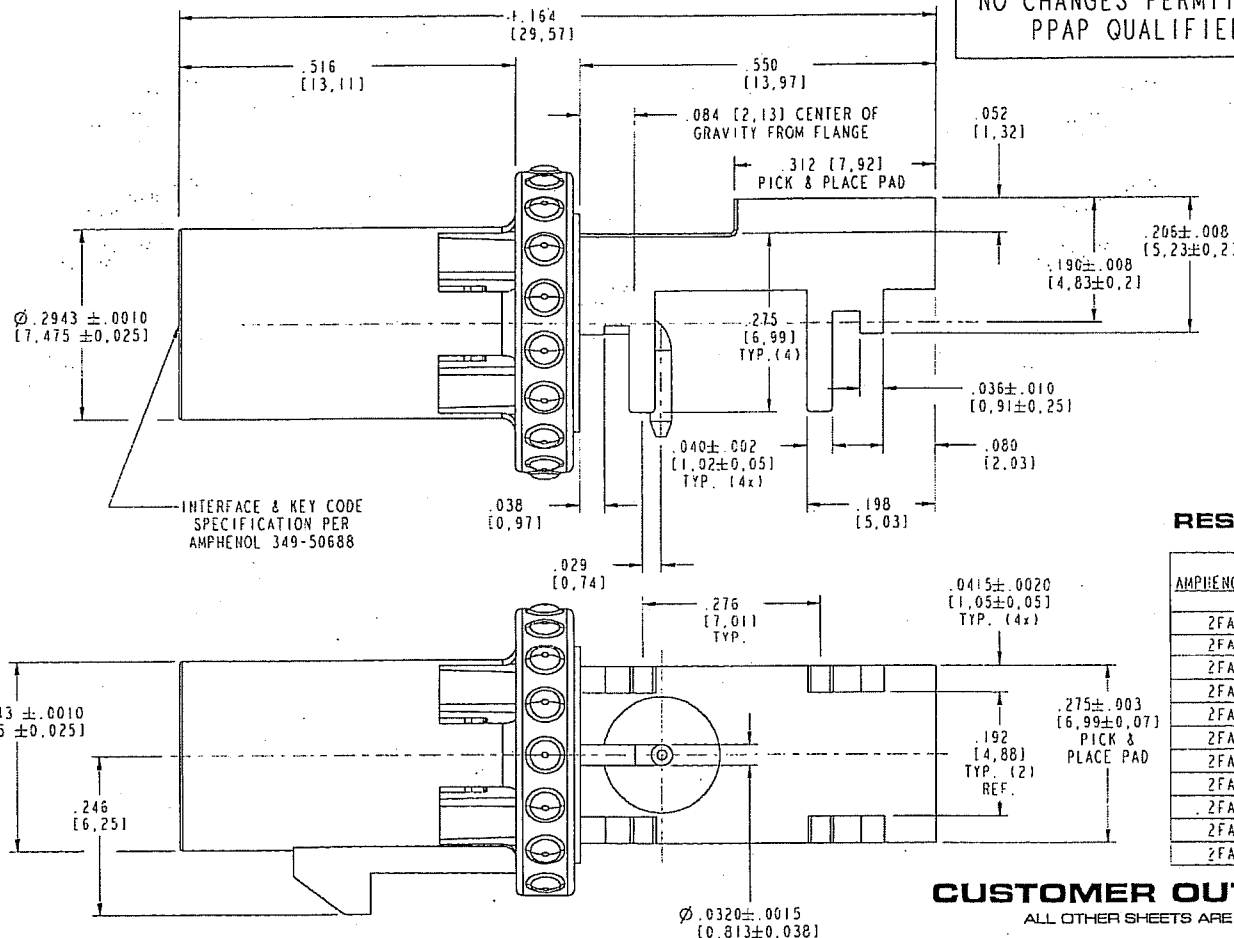
REVISIONS

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

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



SCALE 2.000



**RECOMMENDED PCB
LAYOUT**
 SCALE 4.000

RESERVED PART NUMBERS

AMPHENOL RF 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

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°

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MATERIAL

REFERENCE

SIMILAR TO: FAI-SXSP-PCB-X

EARR 1956

GENR ASSYMS.FAKRA

DRAWN

B.C. GLEISSNER

ENGINEER

B.C. GLEISSNER

APPROVED

O. BARTHELMES

CAD FILE

1:\FAKRA\2FAI-WXRP-PCB-T

DATE

17-Jan-06

DATE

25-Apr-05

DATE

1/27/06

TITLE

FAKRA PLUG,
PCB MOUNT,
THRU HOLE

Amphenol RF

Danbury, CT, USA
 Tainan, Taiwan
 Shenzhen, China
 www.amphenolrf.com

SCALE: 5.0:1 SHEET 2 OF 2

CODE ID

74868

DWG SIZE

B

DRAWING NO.

2FAI-WXRP-PCB-T

REV

B

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