

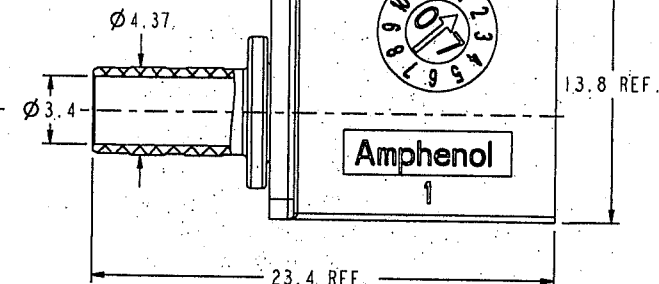
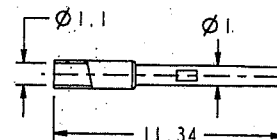
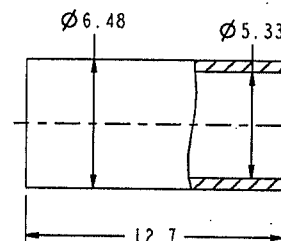
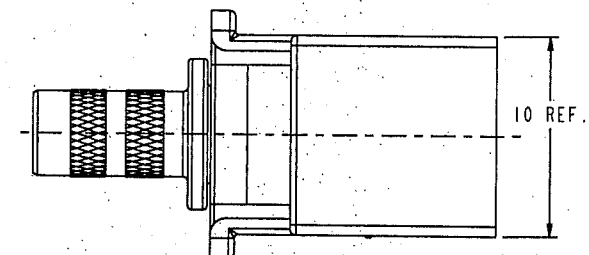
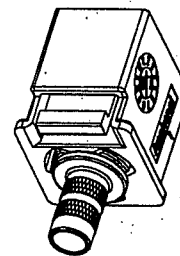
NOTES:

1. MATERIALS AND FINISH (IN MICRO-INCHES)
 BODY = ZINC DIECAST (ZINC ALLOY ZAMARK #3 OR EQUIVALENT PER ASTM B86)
 NICKEL PL. 100 MIN. THICK OVER COPPER PL. 300 MIN. THICK
 INSULATOR = PTFE PER ASTM D1710; NATURAL.
 LOCK COVER= NYLON 66, 33% GLASS FILLED, PER NYTEX COMPOSITES CO., LTD.
 GRADE MG-0033N-V0 OR EQUIVALENT
 (REFER TO TABLE BELOW FOR KEY CODE)
 FERRULE = COPPER (PER ASTM B-75 ALLOY C12200 OR EQUIVALENT)
 NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE
 CONTACT = PHOSPHOR BRONZE (PER QQ-B-750, COMP A, 1H OR EQUIVALENT)
 GOLD PL. 30 MIN. THICK OVER NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE
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. DURABILITY: 100 CYCLES MIN.
 B. TEMPERATURE RANGE: -40° C TO 100° C
4. PACKAGING:
 A. QUANTITY: TRAY PACK
 B. MARKING: TRAY TO BE MARKED
 "AMPHENOL 2FAI-NXSJ-C04-0, AND DATE CODE"
5. A. SEE 349-50713 FOR DETAILED CABLE ASSEMBLY INSTRUCTIONS
 B. CRIMP FERRULE HEX. CRIMP SIZE .213"
 C. CRIMPED CONTACT PIN AFM8 ADJUST TO 6 OR 7 POSITIONER KI470

THIRD ANGLE PROJ. 

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	02-Nov-04	-----	SHARON
B	INSULATOR WAS CHANGED ON ASSEMBLY DRAWING	01-Mar-06	-----	JERRY
C	RETAINER RING CHANGED AND UPDATED DIM ON ASSEMBLY DRAWING	31-Mar-06	-----	CISSY
D	CONTACT PIN WAS UPDATED ON ASSEMBLY DRAWING	18-Oct-07	-----	EVAN
E	REMOVED CRIMPING INFORMATION; ADDED COD DRAWING	19-Nov-08	-----	BP



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.	PART NO.	COLOR	RAL NO.
A	FK6121AW-016-NT30G-50	2FAI-NASJ-C04-0	JET BLACK	9005
B	FK6121BW-016-NT30G-50	2FAI-NBSJ-C04-0	CREAM	9001
C	FK6121CW-016-NT30G-50	2FAI-NCSJ-C04-0	SIGNAL BLUE	5005
D	FK6121DW-016-NT30G-50	2FAI-NDSJ-C04-0	CLARET VIOLET	4004
E	FK6121EW-016-NT30G-50	2FAI-NESJ-C04-0	LEAF GREEN	6002
F	FK6121FW-016-NT30G-50	2FAI-NFSJ-C04-0	NUT BROWN	8011
G	FK6121GW-016-NT30G-50	2FAI-NGSJ-C04-0	BLUE GREY	7031
H	FK6121HW-016-NT30G-50	2FAI-NHSJ-C04-0	HEATHER VIOLET	4003
I	FK6121IW-016-NT30G-50	2FAI-NISJ-C04-0	BEIGE	1001
K	FK6121KW-016-NT30G-50	2FAI-NKSJ-C04-0	CURRY	1027
L	FK6121LW-016-NT30G-50	2FAI-NLSJ-C04-0	CARMINE RED	3002
M	FK6121MW-016-NT30G-50	2FAI-NMSJ-C04-0	PASTEL ORANGE	2003
N	FK6121NW-016-NT30G-50	2FAI-NNSJ-C04-0	PASTEL GREEN	6019
Z	FK6121ZW-016-NT30G-50	2FAI-NZSJ-C04-0	WATER BLUE	5021

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES
 ±0.1mm ±0.2mm ±0.3mm ±1°

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MATERIAL	DRAWN CISSY	DATE 31-Mar-06	TITLE FAKRA CRIMP JACK (FOR RG-58B/U, 58C/U CABLE)	Amphenol RF Danbury CT-USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com
REFERENCE	ENGINEER SCOTT	DATE 31-Mar-06	SCALE: 4.0:1.0	DRAWING NO. FK6121XX-016-NT30G-50
FINISH	APPROVED SCOTT	DATE 31-Mar-06	SHEET 2 OF 2	ITEM NO. FK6121AFX58NC5F
	CAD FILE 1:\FAKRA\FK6121XX-016-NT30G-50		DWG SIZE B	PART NO. 2FAI-NXSJ-C04-0
			CODE ID 74868	
			REV E	

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