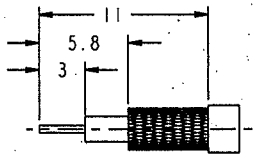
NOTES: FINISH (PLATING THICKNESS IN MICRO-INCHES)

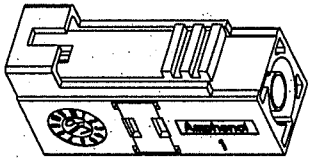
THIRD ANGLE PROJ.

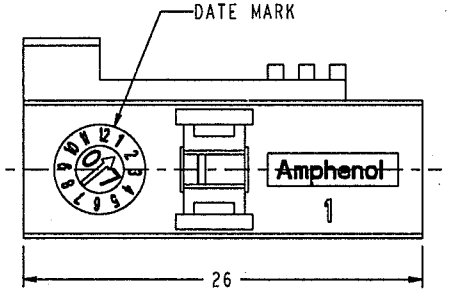
1. MATERIALS AND FINISHES(IN MICRO-INCHES)
   - BODY = BRASS (PER QQ-B-626 ,ALLOY 360, 1/2H OR EQUIVALENT) NICKEL PL. 100 MIN.THICK OVER COPPER STRIKE
   - CONTACT = BERYLLIUM COPPER (PER QQ-C-530, ALLOY C173, 1/2H OR EQUIVALENT), GOLD PL. 30 MIN. THICK OVER NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE
   - INSULATOR = PTFE PER MIL-P-19468; NATURAL.
   - LOCK COVER = NYLON 66 WITH 33% GLASS FILLED, PER NYTEX COMPOSITES CO., LTD. GRADE MG-0033N-V0 OR QEUIVALENT (REFER TO TABLE BELOW FOR KEY CODE COLOR)
   - FERRULE = COPPER (PER ASTM B-75 ALLOY C12200 OR EQUIVALENT) NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE
   - BARREL = BRASS (PER QQ-B-626 ,ALLOY 360, 1/2H OR EQUIVALENT) 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,FAI-NXSJ-C01-0, AND DATE CODE"
5. CRIMPED FERRULE HEX CRIMP SIZE .128"
6. CRIMPED CONTACT PIN AFM8 ADJUST TO 4 POSITIONER K727

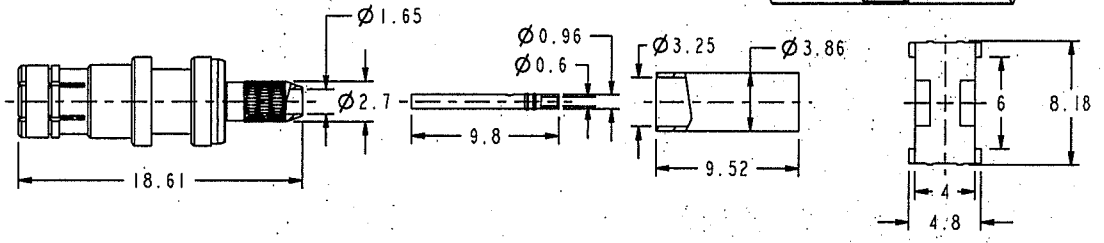
REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
E2	ADDED PPAP QUALIFIED	07-Jun-06	-----	HELLEN
F	ADDED L, M AND N KEY CODING	27-Sep-07	-----	EVAN
G	UPDATED FORMAT AND ADDED COD DRAWING	11-Dec-08	-----	6/9/11



RECOMMENDED CABLE STRIPPING DIM'S







TABLE

CODING	DRAWING NO.	PART NO.	COLOR	RAL NO.
A	FK6121AW-007-NT30G-50	FAI-NASJ-C01-0	JET BLACK	9005
B	FK6121BW-007-NT30G-50	FAI-NBSJ-C01-0	CREAM	9001
C	FK6121CW-007-NT30G-50	FAI-NCSJ-C01-0	SIGNAL BLUE	5005
D	FK6121DW-007-NT30G-50	FAI-NDSJ-C01-0	CLARET VIOLET	4004
E	FK6121EW-007-NT30G-50	FAI-NESJ-C01-0	LEAF GREEN	6002
F	FK6121FW-007-NT30G-50	FAI-NFSJ-C01-0	NUT BROWN	8011
G	FK6121GW-007-NT30G-50	FAI-NGSJ-C01-0	BLUE GREY	7031
H	FK6121HW-007-NT30G-50	FAI-NHSJ-C01-0	HEATHER VIOLET	4003
I	FK6121IW-007-NT30G-50	FAI-NISJ-C01-0	BEIGE	1001
K	FK6121KW-007-NT30G-50	FAI-NKSJ-C01-0	CURRY	1027
L	FK6121LW-007-NT30G-50	FAI-NLSJ-C01-0	CARMINE RED	3002
M	FK6121MW-007-NT30G-50	FAI-NMSJ-C01-0	PASTEL ORANGE	2003
N	FK6121NW-007-NT30G-50	FAI-NNSJ-C01-0	PASTEL GREEN	6019
Z	FK6121ZW-007-NT30G-50	FAI-NZSJ-C01-0	WATER BLUE	5021

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

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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°

NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) arre confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The funishing 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 implicatioin or otherwise in any manner licensing, granting rights to permitting such holder or any other sperson to manufacture, use or sell any product, process or design, patented or otherwsie, that may in any way be related to or disclosed by said drawings, specifications, or other data.

MATERIAL	DRAWN E.TANG	DATE 28-Sep-07	TITLE FAKRA SMB CRIMP JACK (FOR RG-174/U,188/U, 316/U CABLE)
	ENGINEER ANGELA	DATE 28-Sep-07	
REFERENCE	APPROVED ANGELA	DATE 28-Sep-07	SCALE: 2.0:1.0 SHEET 2 OF 2
	CAD FILE 1:\FAKRA\FK6121XX-007-NT30G-50		DWG SIZE B / CODE ID 74868 / REV G
FINISH			

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

DRAWING NO.	FK6121XX-007-NT30G-50
ITEM NO.	FK6121AAX36NC5F
PART NO.	FAI-NXSJ-C01-0