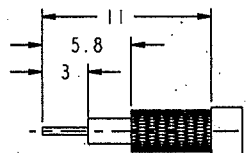
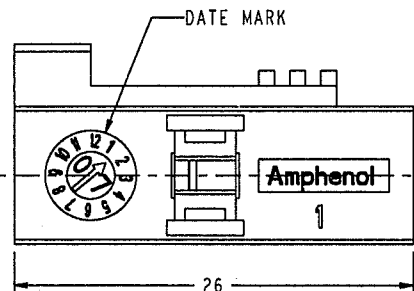
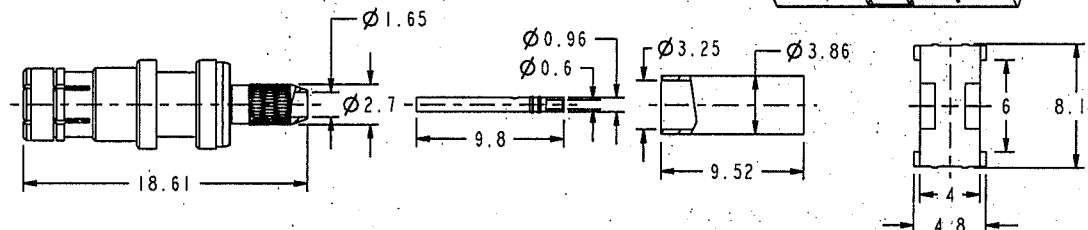


NOTES: FINISH (PLATING THICKNESS IN MICRO-INCHES)

- 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 EQUIVALENT (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
- 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.
- MECHANICAL:  
A. DURABILITY: 100 CYCLES MIN.  
B. TEMPERATURE RANGE: -40° C TO 100° C
- PACKAGING:  
A. QUANTITY: TRAY PACK  
B. MARKING: TRAY TO BE MARKED  
"AMPHENOL FAI-NXSJ-C01-0,  
AND DATE CODE"
- CRIMPED FERRULE  
HEX CRIMP SIZE .128"
- CRIMPED CONTACT PIN AFM8  
ADJUST TO 4  
POSITIONER K727



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 ±0.1mm  
6 - 30mm ±0.2mm  
30 - 120mm ±0.3mm  
ANGLES ±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., or to any other person for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to 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  
E.TANG

DATE  
28-Sep-07

ENGINEER  
ANGELA

DATE  
28-Sep-07

REFERENCE

APPROVED  
ANGELA

DATE  
28-Sep-07

FINISH

CAD FILE  
I:\FAKRA\FK6121XX-007-NT30G-50

TITLE

FAKRA SMB CRIMP JACK  
(FOR RG-174/U, 188/U,  
316/U CABLE)

SCALE: 2.0:1.0

SHEET 2 OF 2

DWG SIZE  
B

CODE ID  
74868

REV  
G

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