

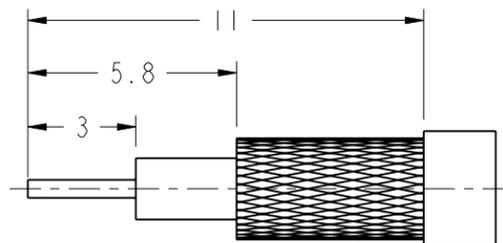
NOTES: FINISH (PLATING THICKNESS IN MICRO-INCHES)

- MATERIALS AND FINISHES (IN MICRO-INCHES)
  - BODY = BRASS, NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE
  - CONTACT = BERYLLIUM COPPER, GOLD PL. 30 MIN. THICK OVER NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE
  - INSULATOR = PTFE, NATURAL.
  - LOCK COVER = NYLON 66 WITH 33% GLASS FILLED, COLOR: REFER TO TABLE BELOW FOR KEY CODE COLOR
  - FERRULE = COPPER, NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE
  - BARREL = BRASS, 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-C10-0,  
AND DATE CODE"
- CRIMPED FERRULE  
HEX CRIMP SIZE .128"
- CRIMPED CONTACT PIN AFM8  
ADJUST TO 4  
POSITIONER K727

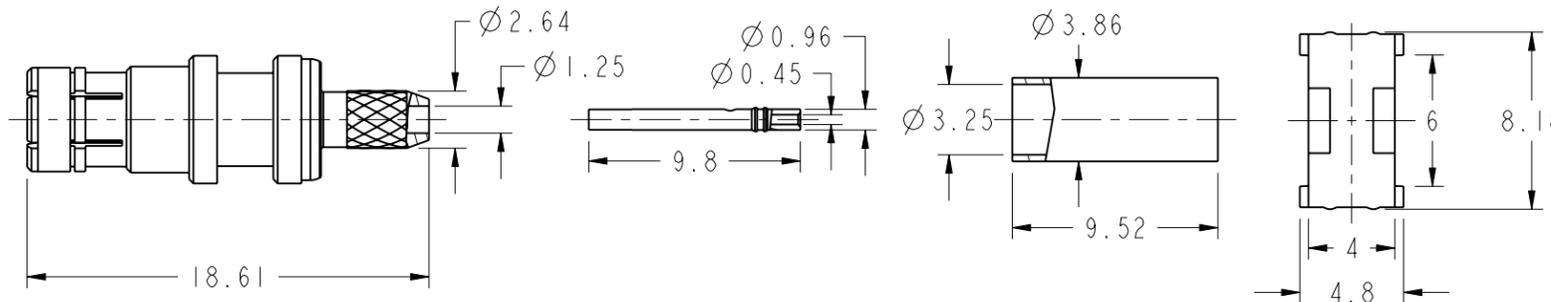
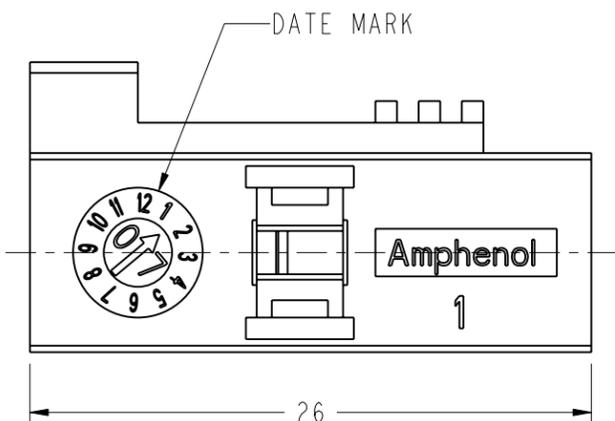
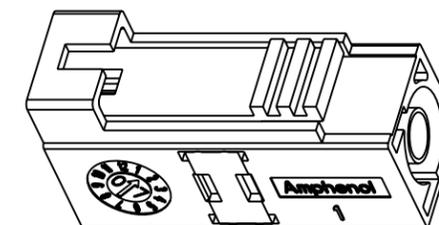
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
EI	DIMENSIONAL UPDATED ON ASSEMBLY DRAWING	08-May-06	-----	SCOTT
F	ADDED L, M AND N KEY CODING	27-Sep-07	-----	ANGELA
G	UPDATED FORMAT AND PPAP REQUIREMENT	11-Aug-09	-----	SCOTT



RECOMMENDED  
CABLE STRIPPING DIM'S



TABLE

CODING	PART NO.	DRAWING NO.	COLOR	RAL NO.
A	FAI-NASJ-C10-0	FK6121AW-002-NT30G-50	JET BLACK	9005
B	FAI-NBSJ-C10-0	FK6121BW-002-NT30G-50	CREAM	9001
C	FAI-NCSJ-C10-0	FK6121CW-002-NT30G-50	SIGNAL BLUE	5005
D	FAI-NDSJ-C10-0	FK6121DW-002-NT30G-50	CLARET VIOLET	4004
E	FAI-NESJ-C10-0	FK6121EW-002-NT30G-50	LEAF GREEN	6002
F	FAI-NFSJ-C10-0	FK6121FW-002-NT30G-50	NUT BROWN	8011
G	FAI-NGSJ-C10-0	FK6121GW-002-NT30G-50	BLUE GREY	7031
H	FAI-NHSJ-C10-0	FK6121HW-002-NT30G-50	HEATHER VIOLET	4003
I	FAI-NISJ-C10-0	FK6121IW-002-NT30G-50	BEIGE	1001
K	FAI-NKSJ-C10-0	FK6121KW-002-NT30G-50	CURRY	1027
L	FAI-NLSJ-C10-0	FK6121LW-002-NT30G-50	CARMINE RED	3002
M	FAI-NMSJ-C10-0	FK6121MW-002-NT30G-50	PASTEL ORANGE	2003
N	FAI-NNSJ-C10-0	FK6121NW-002-NT30G-50	PASTEL GREEN	6019
Z	FAI-NZSJ-C10-0	FK6121ZW-002-NT30G-50	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. the finishing of these drawings, specifications, or other data 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 EDWARDW	DATE 15-May-09	TITLE FAKRA SMB CRIMP JACK (FOR RAYCHEM .071 O.D. CABLE)	Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com		
	REFERENCE	ENGINEER ANGELA	DATE 28-Sep-07				
	FINISH	APPROVED SCOTT	DATE 15-May-09	SCALE: 2.0:1.0	SHEET 2 OF 2	ITEM NO. FK6121AAXA1NC5F	
		CAD FILE I:\FAKRA\FK6121XX-002-NT30G-50	DWG SIZE B	CODE ID 74868	REV G	PART NO. FAI-NXSJ-C10-0	

# Mouser Electronics

Authorized Distributor

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## Amphenol:

[FA1-NASJ-C10-0](#) [FA1-NBSJ-C10-0](#) [FA1-NCSJ-C10-0](#) [FA1-NDSJ-C10-0](#) [FA1-NESJ-C10-0](#) [FA1-NFSJ-C10-0](#) [FA1-NGSJ-C10-0](#) [FA1-NHSJ-C10-0](#) [FA1-NISJ-C10-0](#) [FA1-NKSJ-C10-0](#) [FA1-NZSJ-C10-0](#) [FA1-NLSJ-C10-0](#) [FA1-NMSJ-C10-0](#)