

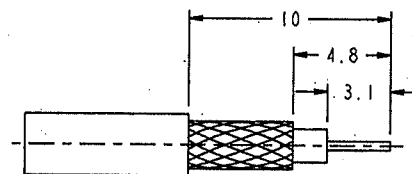
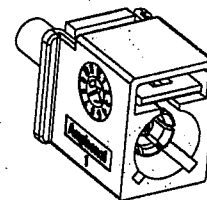
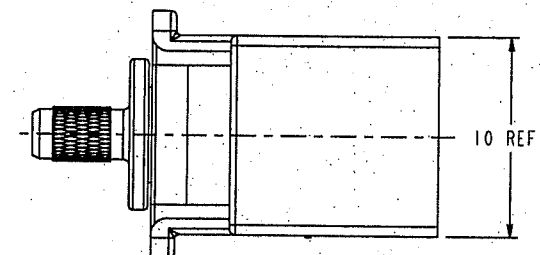
NOTES:

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, COLOR: 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)
 - 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-C01-0, AND DATE CODE"
5.
 - A. SEE 349-50713 FOR DETAILED CABLE ASSEMBLY INSTRUCTIONS
 - B. CRIMP FERRULE HEX. CRIMP SIZE .128"
 - C. CRIMPED CONTACT PIN AFM8 ADJUST TO 4 POSITIONER K727

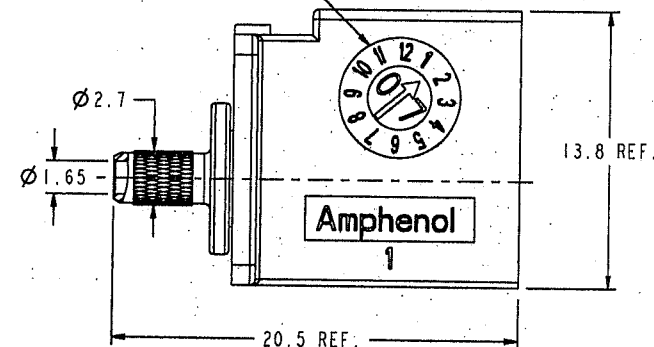
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	02-Nov-04	----	SHARON
B	SEE SHEET 1	01-Mar-06	----	JERRY
C	SEE SHEET 1	31-Mar-06	----	CISSY
D	SEE SHEET 1	09-Nov-07	----	EMILY
E	UPDATED FORMAT AND ADDED COD DRAWING \RD-DM0811101E	19-Nov-08	----	EMILY

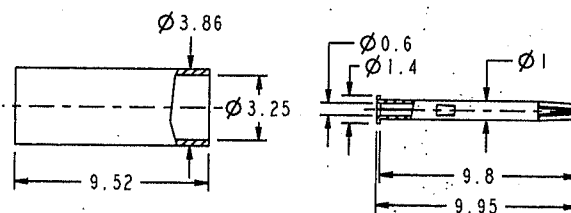
RECOMMENDED
CABLE STRIPPING DIM'S

DATE CODE



TABLE

CODING	DRAWING NO.	PART NO.	COLOR	RAL NO.
A	FK6121AW-012-NT30G-50	2FAI-NASJ-C01-0	JET BLACK	9005
B	FK6121BW-012-NT30G-50	2FAI-NBSJ-C01-0	CREAM	9001
C	FK6121CW-012-NT30G-50	2FAI-NCJSJ-C01-0	SIGNAL BLUE	5005
D	FK6121DW-012-NT30G-50	2FAI-NDSJ-C01-0	CLARET VIOLET	4004
E	FK6121EW-012-NT30G-50	2FAI-NESJ-C01-0	LEAF GREEN	6002
F	FK6121FW-012-NT30G-50	2FAI-NFSJ-C01-0	NUT BROWN	8011
G	FK6121GW-012-NT30G-50	2FAI-NGSJ-C01-0	BLUE GREY	7031
H	FK6121HW-012-NT30G-50	2FAI-NHSJ-C01-0	HEATHER VIOLET	4003
I	FK6121IW-012-NT30G-50	2FAI-NISJ-C01-0	BEIGE	1001
K	FK6121KW-012-NT30G-50	2FAI-NKSJ-C01-0	CURRY	1027
L	FK6121LW-012-NT30G-50	2FAI-NLSJ-C01-0	CARMINE RED	3002
M	FK6121MW-012-NT30G-50	2FAI-NMSJ-C01-0	PASTEL ORANGE	2003
N	FK6121NW-012-NT30G-50	2FAI-NNSJ-C01-0	PASTEL GREEN	6019
Z	FK6121ZW-012-NT30G-50	2FAI-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°

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MATERIAL

DRAWN
EMILY
DATE
09-Nov-07

ENGINEER
JERRY
DATE
09-Nov-07

REFERENCE

APPROVED
ANGELA
DATE
09-Nov-07

FINISH

CAD FILE
1:\FAKRA\FK6121XX-012-NT30G-50

TITLE

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

SCALE: 4.0:1.0 SHEET 2 OF 2

DWG SIZE
B

CODE ID
74868

REV
E

Amphenol RF

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

DRAWING NO. FK6121XX-012-NT30G-50

ITEM NO. FK6121AFX36NC5F

PART NO. 2FAI-NXSJ-C01-0

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Mouser Electronics

Authorized Distributor

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[2FA1-NASJ-C01-0](#) [2FA1-NBSJ-C01-0](#) [2FA1-NMSJ-C01-0](#)