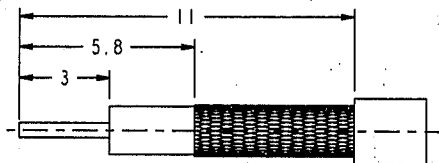
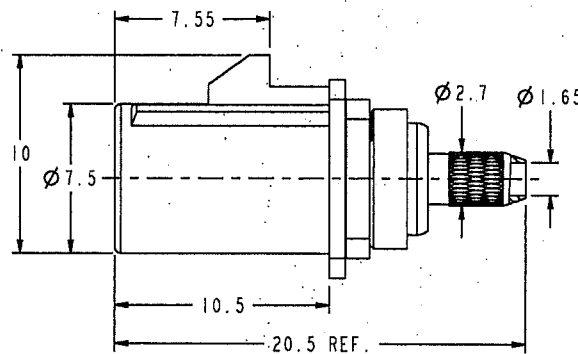
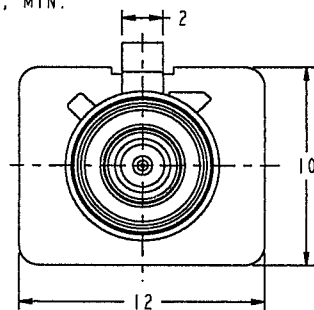
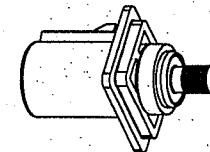


NOTES:

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 PIN = BRASS (PER QQ-B-626, ALLOY 360, 1/2H OR EQUIVALENT); GOLD PL.
 30 MIN. THICK OVER NICKEL PL. 100 MIN. THICK OVER COPPER STRIKE
 LOCK COVER = PBT WITH 15% GLASS FIBER, PER CHANG CHUN GRADE 4115202
 OR EQUIVALENT, COLOR: REFER TO TABLE BELOW FOR KEY CODE
 INSULATOR = PTFE PER MIL-P-19468, NATURAL
 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; JIS H3250 C 3604BD
 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 2FAI-NXSP-C01-1,
 AND DATE CODE"
5. CRIMPED FERRULE:
 HEX. CRIMP SIZE .128"
6. CRIMPED CONTACT PIN AFM8
 ADJUST TO 4 POSITIONER K727



RECOMMENDED
CABLE STRIPPING DIM'S



THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
B	BODY CHANGED AND UPDATED DIMENSION ON ASSEMBLY DRAWING	13-Aug-07	----	EM
C	ADDED COD DRAWING AND PPAP REQUIREMENT	14-Nov-08	----	EM

CODING	PART NO.	DRAWING NO.	COLOR	RAL NO.
A	FAI-NASP-C01-1	FK1121AW-007-NT30G-50	JET BLACK	9005
B	FAI-NBSP-C01-1	FK1121BW-007-NT30G-50	CREAM	9001
C	FAI-NCSP-C01-1	FK1121CW-007-NT30G-50	SIGNAL BLUE	5005
D	FAI-NDSP-C01-1	FK1121DW-007-NT30G-50	CLARET VIOLET	4004
E	FAI-NESP-C01-1	FK1121EW-007-NT30G-50	LEAF GREEN	6002
F	FAI-NFSP-C01-1	FK1121FW-007-NT30G-50	NUT BROWN	8011
G	FAI-NGSP-C01-1	FK1121GW-007-NT30G-50	BLUE GREY	7031
H	FAI-NHSP-C01-1	FK1121HW-007-NT30G-50	HEATHER VIOLET	4003
I	FAI-NISP-C01-1	FK1121IW-007-NT30G-50	BEIGE	1001
K	FAI-NKSP-C01-1	FK1121KW-007-NT30G-50	CURRY	1027
L	FAI-NLSP-C01-1	FK1121LW-007-NT30G-50	CARMINE RED	3002
M	FAI-NMSP-C01-1	FK1121MW-007-NT30G-50	PASTEL ORANGE	2003
N	FAI-NNSP-C01-1	FK1121NW-007-NT30G-50	PASTEL GREEN	6019
Z	FAI-NZSP-C01-1	FK1121ZW-007-NT30G-50	WATER BLUE	5021

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

DATE

TITLE

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

Amphenol RF

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

REFERENCE

APPROVED

DATE

SCALE: 6.0:1.0

SHEET 2 OF 2

DRAWING NO. FK1121XX-007-NT30G-50

FINISH

1:FAKRA/FAK1121XX-007-NT30G-50

DWG SIZE

CODE ID

REV

B

74868

C

ITEM NO. FK1121AAX36NC5F

PART NO. FAI-NXSP-C01-1

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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