

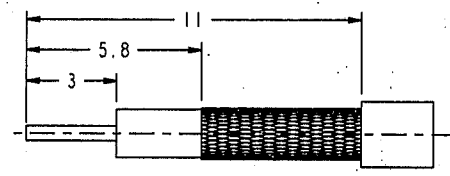
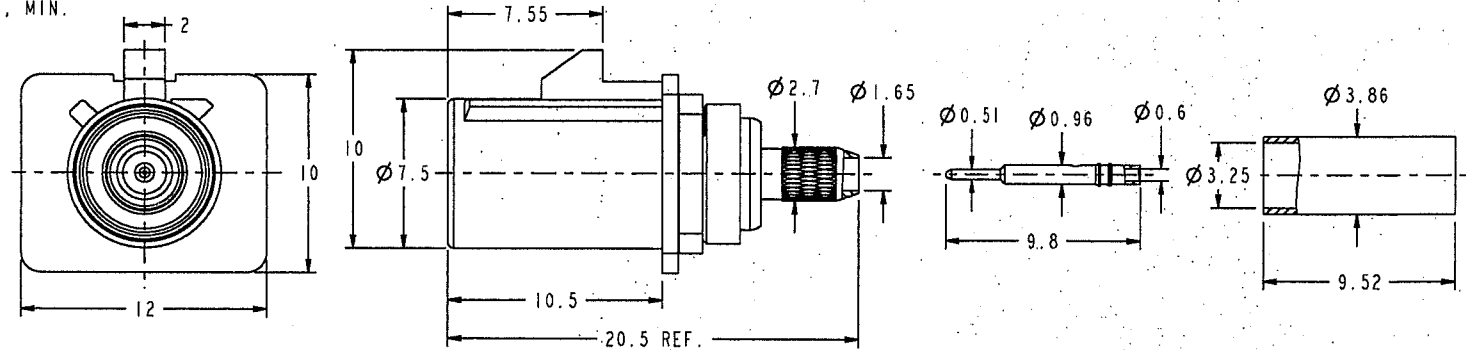
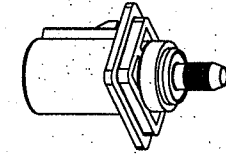
NOTES:

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

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



RECOMMENDED CABLE STRIPPING DIM'S

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

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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 EMILY	DATE 23-Nov-07	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	ENGINEER J. YANG	DATE 23-Nov-07	SCALE: 6.0:1.0 SHEET 2 OF 2	
FINISH	APPROVED ANGELA	DATE 23-Nov-07	DWG SIZE B	DRAWING NO. FK1121XX-007-NT30G-50
	CAD FILE 1:\FAKRA\FK1121XX-007-NT30G-50		CODE ID 74868	ITEM NO. FK1121AAX36NC5F
			REV C	PART NO. FAI-NXSP-C01-1

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