

NOTES:

1. MATERIALS AND FINISHES(MICRO-INCHES)

BODY =BRASS PER QQ-B-626, ALLOY 360, 1/2 H;
JIS H3250 C 3604BD OR EQUIVALENT
NICKEL PL. 60 MIN. THICK OVER COPPER STRIKE

RING =BRASS PER QQ-B-626, ALLOY 360, 1/2 H;
JIS H3250 C 3604BD OR EQUIVALENT
NICKEL PL. 60 MIN. THICK OVER COPPER STRIKE

CONTACT =BRASS PER QQ-B-626, ALLOY 360, 1/2 H;
JIS H3250 C 3604BD OR EQUIVALENT
GOLD PL. 30 MIN. THICK OVER NICKEL PL. 100 MIN. THICK
OVER COPPER STRIKE

FERRULE =COPPER PER ASTM B-75 ALLOY C12200 OR EQUIVALENT,
NICKEL PL. 60 MIN. THICK OVER COPPER STRIKE

BARREL =BRASS PER QQ-B-626, ALLOY 360, 1/2 H;
JIS H3250 C 3604BD OR EQUIVALENT
NICKEL PL. 60 MIN. THICK OVER COPPER STRIKE

INSULATOR =TEFLON MIL-P-19468 OR EQUIVALENT; NATURAL

LOCK COVER =PBT(WITH 15% GLASS FIBER) PER CHANG CHUN GRADE
4115202 OR EQUIVALENT, COLOR: SEE TABLE BELOW

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM, NOMINAL

B. FREQUENCY RANGE: DC-6GHz (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: 800VRMS, MIN.

3. MECHANICAL:

A. DURABILITY: 100 CYCLES MIN.

B. TEMPERATURE RANGE: -40 °C TO 100 °C

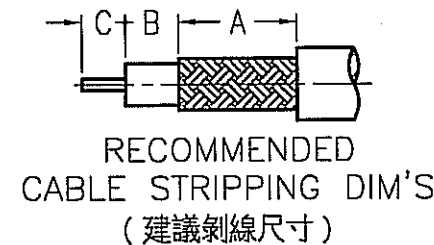
4. PACKAGING:

A. QUANTITY: TRAY PACK

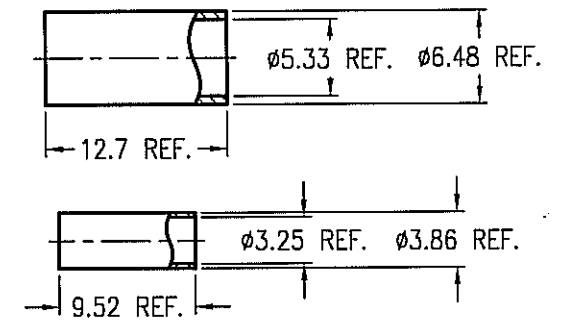
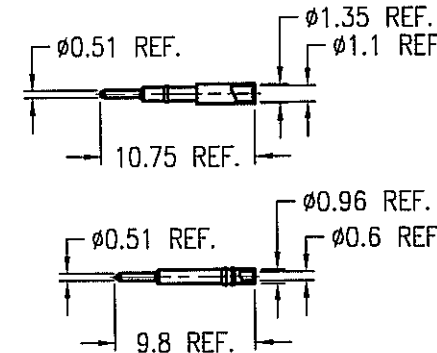
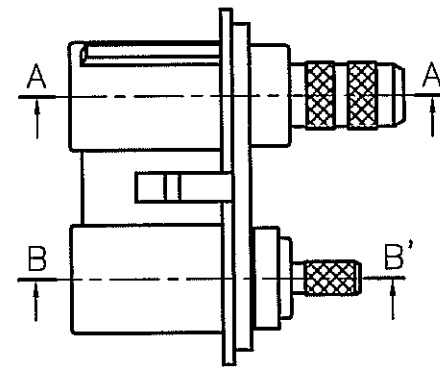
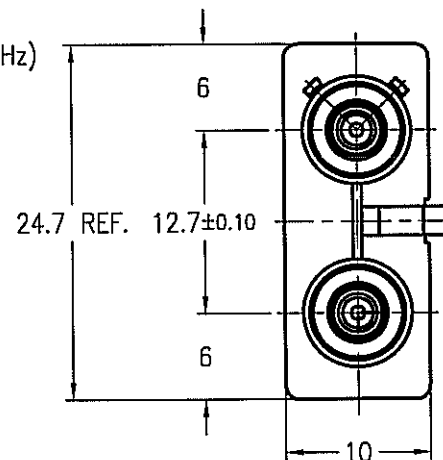
B. MARKING: TRAY TO BE MARKED
"AMPHENOL, FA2-NXSP-C00-9, AND DATE CODE"

5. ALL DIMENSIONS MECHANIC & ELECTRICAL DESIGN
COMPLY WITH DIN 72594-1 AND USCAR-18 SPEC.

CABLE \ NO.	A	B	C
RG-58A/U, 58C/U	8.3	1.7	3
RG-174/U, 188A/U 316/U	5.2	2.8	2



- * RG-174/U, 188A/U, 316/U
1. CRIMPED FERRULE
HEX CRIMP SIZE .128"
 2. CRIMPED CONTACT PIN AFMB
ADJUST TO 4
POSITIONER K727
- * RG-58A/U, 58C/U
1. CRIMPED FERRULE
HEX CRIMP SIZE .213"
 2. CRIMPED CONTACT PIN
SQ. CRIMP SIZE .042"



KEY CODING	PART NO.	DRAWING NO.	COLOR
A	FA2-NASP-C00-9	FKT1121AW-009-NT30G-50	JET BLACK
B	FA2-NBSP-C00-9	FKT1121BW-009-NT30G-50	CREAM
C	FA2-NCSP-C00-9	FKT1121CW-009-NT30G-50	SIGNAL BLUE
D	FA2-NDSP-C00-9	FKT1121DW-009-NT30G-50	CLARET VIOLET
E	FA2-NESP-C00-9	FKT1121EW-009-NT30G-50	LEAF GREEN
F	FA2-NFSP-C00-9	FKT1121FW-009-NT30G-50	NUT BROWN
G	FA2-NGSP-C00-9	FKT1121GW-009-NT30G-50	BLUE GREY
H	FA2-NHSP-C00-9	FKT1121HW-009-NT30G-50	HEATHER VIOLET
I	FA2-NISP-C00-9	FKT1121IW-009-NT30G-50	BEIGE
K	FA2-NKSP-C00-9	FKT1121KW-009-NT30G-50	CURRY
L	FA2-NLSP-C00-9	FKT1121LW-009-NT30G-50	PASTEL ORANGE
M	FA2-NMSP-C00-9	FKT1121MW-009-NT30G-50	PASTEL GREEN
N	FA2-NNSP-C00-9	FKT1121NW-009-NT30G-50	WATER BLUE
Z	FA2-NZSP-C00-9	FKT1121ZW-009-NT30G-50	CARMINE RED

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	-
REFERENCE	
FINISH	

DRAWN	EMILY	DATE	23-Nov-07
ENGINEER	JERRY	DATE	23-Nov-07
APPROVED	ANGELA	DATE	23-Nov-07
CAD FILE	F:\DWG\FKT\1121XX\009\50\NT30G-GSZ		

TITLE	FAKRA TWIN SMB CRIMP PLUG
SCALE:1.5/1	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.	FKT1121XX-009-NT30G-50
ITEM NO.	FK2121AAXA1NC5F
PART NO.	FA2-NXSP-C00-9

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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

