

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:

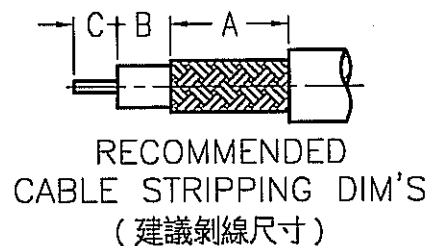
- A. QUANTITY: TRAY PACK
- B. MARKING: TRAY TO BE MARKED
"AMPHENOL, FA2-NXSP-C00-9, AND DATE CODE"

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

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
C	NO.3 WAS CHANGED\RD-DM92082B01L	28-Aug-03	-----	ANGELA
D	ADDED L M N KEY CODING \RD-DM93081001L	25-Sep-07	-----	ANGELA
E	ADDED DIM BREF.REMARK 3&4;2.3±0.25 WAS 2.3±0.1; FKBD00101 WAS FKBD00101A ,FKBD00401 WAS FKBD00401A\RD-DM07101601E	23-Nov-07	-----	ANGELA
F	ADDED COD DRAWING\RD-DM08101301J5	10-Oct-08	-----	SCOTT
G	MODIFIED THE TABLE\RD-DM08102001J5	20-Oct-08	47184	SCOTT

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

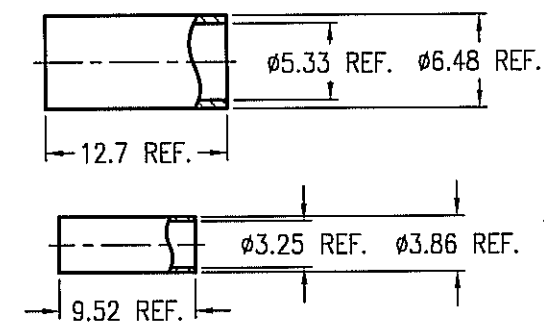
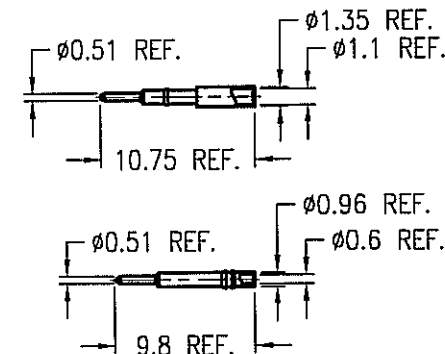
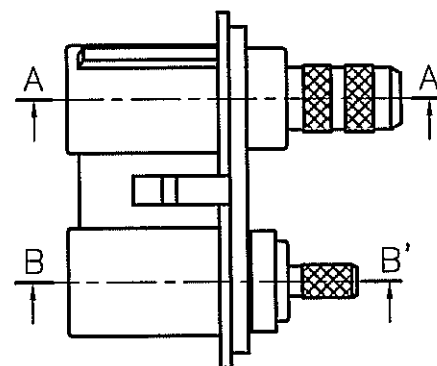
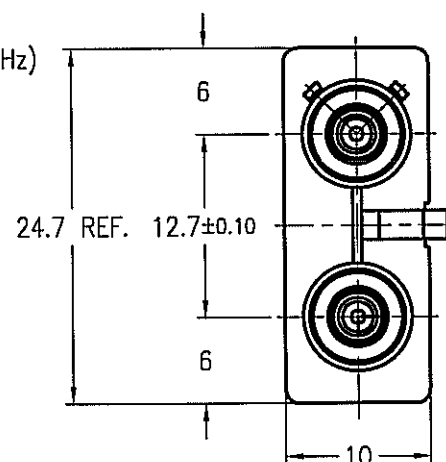


* RG-174/U, 188A/U, 316/U

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	-	DRAWN	EMILY	DATE	23-Nov-07	TITLE	FAKRA TWIN SMB CRIMP PLUG	Amphenol RF	
REFERENCE		ENGINEER	JERRY	DATE	23-Nov-07			Danbury CT USA, Tainan Taiwan, Shenzhen China	www.amphenolrf.com
		APPROVED	ANGELA	DATE	23-Nov-07	SCALE:1.5/1	SHEET 2 OF 2	DRAWING NO.	FKT1121XX-009-NT30G-50
FINISH		CAD FILE	F:\DWG\FKT\1121XX\009\50\NT30G-GSZ			DWG SIZE	B	CODE ID	74868
						REV	G	ITEM NO.	FK2121AAXA1NC5F
								PART NO.	FA2-NXSP-C00-9

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

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY