

DESIGNED & DIMENSIONED
IN MILLIMETERS(INCHES)

RFX6T-XXXXX-XXXXXX-XXXX

FIG. 2
CABLE STRIPPING DIMENSIONS
PER CONFIGURATIONS
(SEE TABLE 1)(SEE NOTE 12,13,14,15)

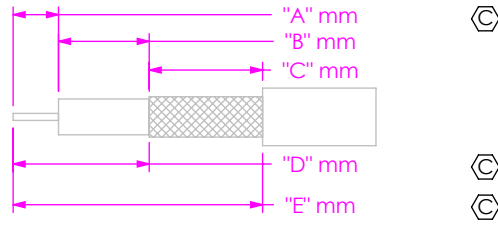


TABLE 1					
CABLE STRIPPING DIMENSIONS				CABLE CUT LENGTH	HI POT
STYLE	"A"	"D"	"E"	SUBTRACTOR	DCV
-T4RPX	2.5 [0.10]	12.1 [0.48]	18.7 [0.74]	4.7 [0.19]	1000
-T4SPX	3.2 [0.13]	5.4 [0.21]	11.9 [0.47]	10.3 [0.41]	1000
-SING	-	-	-	0.0 [0.00]	1000
-XXXXXX	-	-	-	0.0 [0.00]	1000

TABLE 2: FINAL ASSEMBLY LENGTH TOLERANCE	
LENGTH	TOLERANCE
0100-0200 [3.92-7.87]	+3.0 [.12]/-0.0 [.00]
0200-0500 [7.87-19.69]	+5.0 [.20]/-0.0 [.00]
0500-1100 [19.69-43.30]	+10.0 [.40]/-0.0 [.00]
>1100 [43.30]	± 1%

NOTES:

- ⊕ REPRESENTS A CRITICAL DIMENSION
- CABLE CUT LENGTH:
= (LENGTH: XXXX) - (SUBTRACTOR FOR END 1) - (SUBTRACTOR FOR END 2)
(SEE TABLE 1 FOR SUBTRACTORS)
- ASSEMBLY TO BE 100% TESTED FOR OPENS & SHORTS
- ASSEMBLY TO BE 100% HI-POT TESTED PER TABLE 1
- AFTER FINAL ELECTRICAL TEST, LABEL EACH CABLE ASSEMBLY WITH 1 LABEL-ET
- CRITICALS ON CONNECTOR PRINTS TO BE CHECKED IN PROCESS.
- FINISHED ASSEMBLIES TO BE PACKAGED PER PACKAGING STANDARD CO-HD-WI-3033-M.
- CABLE STOCKED IN INCHES, 1 INCH = 25.4 MILLIMETERS
- CABLE LENGTHS LONGER THAN 500 MILLIMETERS ARE NOT SUPPORTED BY S.I. TEST DATA
- MINIMUM BEND RADIUS FOR RG6 = 63.5 [2.75].
- FOR SING ENDED OR STRIPPED AND TINNED ASSEMBLIES: MAKE A DOUBLE ENDED ASSEMBLY AT TWICE THE CABLE LENGTH AND TEST BEFORE CUTTING ASSEMBLY IN HALF.
- DIM "A", "B", AND "C" HAVE A MINIMUM VALUE OF 0.0mm & A MAXIMUM VALUE OF 9.9mm.
- PRODUCTION OF STRIP AND TIN FOR CENTER DIELECTIC USE: A
- PRODUCTION OF STRIP AND TIN FOR SHIELD USE: D=A+B
- PRODUCTION OF STRIP AND TIN FOR JACKET USE: E=A+B+C
- FOR -RA TO -RA, CONNECTORS SHOULD BOTH BE ORIENTED UP (SEE SHEET 2, FIG. 4)

CABLE CALLOUT
0: CCA-6 (RG-6 CABLE)
B: CCA-1694A (BELDEN 1694A CABLE)

END 1 CONNECTOR
-T4RP: BNC7T-P-C-XX-RA-CA6 (SEE SHEET 2)
-T4SP: BNC7T-P-C-XX-ST-CA6 (SEE SHEET 2)

END 1 PLATING OPTION
3: ALTERNATE GOLD / NICKEL
(SEE SHEET 2 FOR PLATING SPECIFICS)

OVERALL CABLE LENGTH
MILLIMETERS OF CABLE
0100 MIN. (SEE NOTE 8 & 9)

END 2 PLATING OPTION
3: ALTERNATE GOLD / NICKEL
*(LEAVE BLANK FOR -SING OR -XXXXXX
END 2 PREPARATION)

END 2 CONNECTOR OR PREPARATION
-T4RP: BNC7T-P-C-XX-RA-CA6 (SEE SHEET 2)
-T4SP: BNC7T-P-C-XX-ST-CA6 (SEE SHEET 2)
-SING: SINGLE ENDED (ONE END ONLY, SEE NOTE 11)
-XXXXXX: STRIPPED AND TINNED (ONE END ONLY-
SEE NOTE 11-15, SHEET 2, FIG. 3)
(SEE FIG. 2) "C" FORMAT: X.X mm
(SEE FIG. 2) "B" FORMAT: X.X mm
(SEE FIG. 2) "A" FORMAT: X.X mm

DO NOT LEAVE ANY SPACE BLANK,
EACH MUST CONTAIN A
NUMERIC CHARACTER 0 THRU 9.

DO NOT
SCALE FROM
THIS PRINT

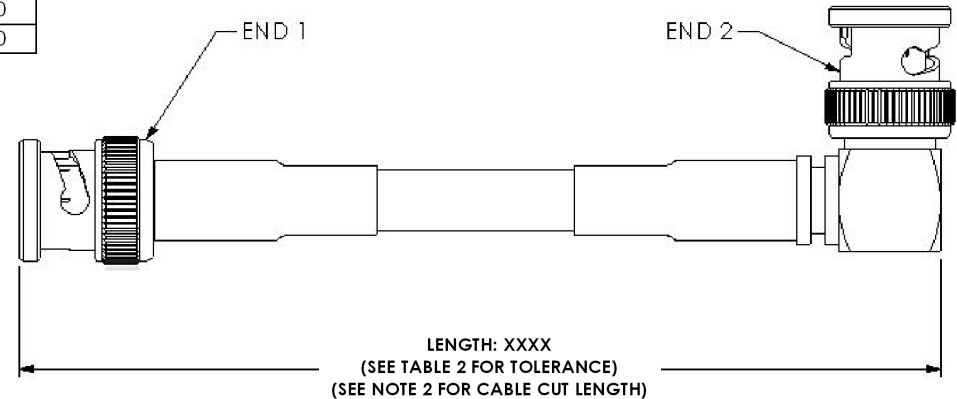


FIG. 1
RFX6T-T4SPX-T4RPX-XXXX SHOWN

THIS PRODUCT MANUFACTURED
WITH LEAD-FREE PROCESSING

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UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN
MILLIMETERS (INCHES).
TOLERANCES ARE:
DECIMALS ANGLES
.X: ±0.3 [.01] 2°
.XX: ±0.13 [.005]
.XXX: ±0.051 [.0020]

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SEE END 1 AND END 2 ASSEMBLY PRINTS

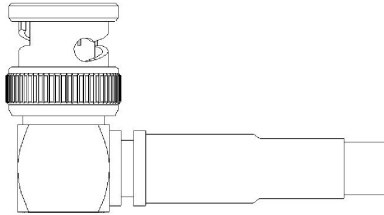


520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
TRUE 75 OHM, RF6T CABLE ASSEMBLY
DWG. NO.
RFX6T-XXXXX-XXXXXX-XXXX
BY: R MUSSER 03/27/2009 SHEET 1 OF 2

-T4RP
(RIGHT ANGLE PLUG)

(USE DRAWING No. BNC7T-P-C-XX-RA-CA6 FOR ASSEMBLY INSTRUCTIONS)

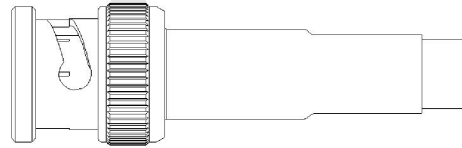


PLATING
3: 10µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: BNC7T-P-C-MN-RA-CA6)

NOTE: ALL CRITICAL DIMENSIONS ON BNC7T-P-C-XX-RA-CA6 THAT APPLY MUST BE VERIFIED.

-T4SP
(STRAIGHT PLUG)

(USE DRAWING No. BNC7T-P-C-XX-ST-CA6 FOR ASSEMBLY INSTRUCTIONS)



PLATING
3: 10µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: BNC7T-P-C-MN-ST-CA6)

NOTE: ALL CRITICAL DIMENSIONS ON BNC7T-P-C-XX-ST-CA6 THAT APPLY MUST BE VERIFIED.

FIG. 3
RFX6T-T4SPX-102148-XXXX SHOWN

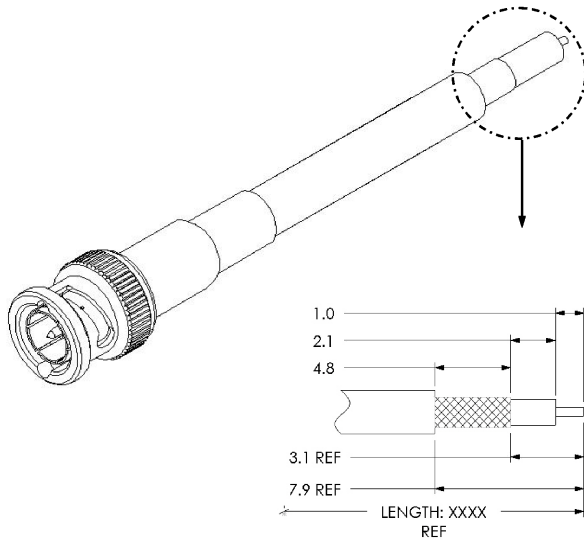
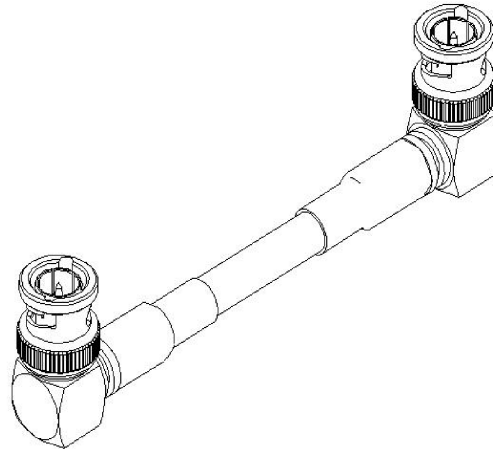


FIG. 4
RFX6T-T4RPX-74RPX-XXXX SHOWN
(SEE NOTE 16)



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SHEET SCALE: 1:1



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