REVISION L

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

RF058-XXXXX-XXXXXX-XXXX

CABLE CALLOUT
058: CCA-058 (RG-58 COAXIAL CABLE)

[L] END 1 CONNECTOR
-05SR: TNC-P-C-XX-SR-C10 (SEE SHEET 2)
-06SP: NTPE-P-C-XX-ST-C10 (SEE SHEET 2)
* -01BJ: SMA-J-C-XX-ST-B10 (SEE SHEET 2)
* -01SB: SMA-J-C-XX-ST-S10 (SEE SHEET 2)
* -01SP: SMA-P-C-XX-ST-C10 (SEE SHEET 2)

[L] END 1 PLATING OPTION
1: GOLD ALL COMPONENTS
2: GOLD/NICKEL
3: ALTERNATE GOLD / NICKEL
7. ALTERNATE GOLD MEDIUM/ GOLD FLASH
(SEE SHEET 2 FOR PLATING SPECIFICS)

(* = NOT RELEASED FOR PRODUCTION)

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

END 2 PLATING OPTION [L]
1: GOLD ALL COMPONENTS
2: GOLD/NICKEL
3: ALTERNATE GOLD / NICKEL
7. ALTERNATE GOLD MEDIUM/ GOLD FLASH
(SEE SHEET 2 FOR PLATING SPECIFICS)
(LEAVE BLANK FOR -SING OR -XXXXXX END 2 PREPARATION)

END 2 CONNECTOR OR PREPARATION [L]
-05SR: TNC-P-C-XX-SR-C10 (SEE SHEET 2)
-06SP: NTPE-P-C-XX-ST-C10 (SEE SHEET 2)
*-01BJ: SMA-J-C-XX-ST-B10 (SEE SHEET 2)
*-01SB: SMA-J-C-XX-ST-S10 (SEE SHEET 2)
*-01SP: SMA-P-C-XX-ST-C10 (SEE SHEET 2)
-SING: SINGLE ENDED (ONE END ONLY, SEE NOTE 11)
-XXXXXX: STRIPPED AND TINNED (THIS END ONLY- SEE NOTES 11-16 & 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.

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

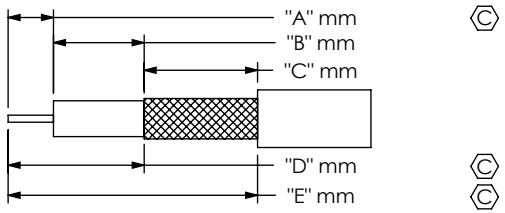

TABLE 1 [L]

	CABLE CUT LENGTH	HI POT
STYLE	SUBTRACTOR	DCV
-05SRX	9.2 [0.36]	1000
-06SPX	15.3 [0.60]	1000
-01BJX	8.7 [0.34]	1000
-01SBX	8.7 [0.34]	1000
-01SPX	5.2 [0.20]	1000
-SING	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%

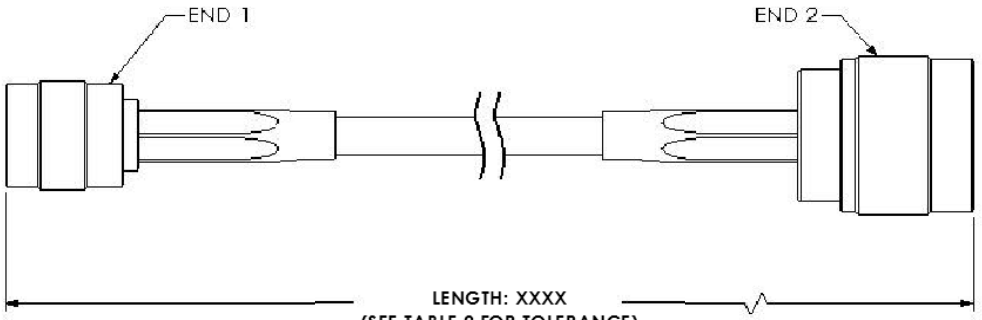

FIG.1
RF058-05SRX-06SPX-XXXX SHOWN

NOTES:

1. Ⓒ REPRESENTS A CRITICAL DIMENSION
2. CABLE CUT LENGTH:
   = (LENGTH: XXXX) - (SUBTRACTOR FOR END 1) - (SUBTRACTOR FOR END 2).
   (SEE TABLE 1 FOR SUBTRACTORS)
3. Ⓒ ASSEMBLY TO BE 100% TESTED FOR OPENS & SHORTS
4. ASSEMBLY TO BE 100% HI-POT TESTED PER TABLE 1
5. Ⓒ AFTER FINAL ELECTRICAL TESTS, LABEL EACH CABLE ASSEMBLY WITH 1 LABEL -ET
6. CRITICALS ON CONNECTOR PRINTS TO BE CHECKED IN PROCESS
7. FINISHED ASSEMBLIES TO BE PACKAGED PER PACKAGING STANDARD CO-HD-WI-3033-M.
8. CABLE STOCKED IN INCHES, 1 INCH = 25.4 MILLIMETERS
9. CABLE LENGTHS LONGER THAN 1000 MILLIMETERS ARE NOT SUPPORTED BY S.I. TEST DATA
10. MINIMUM BEND RADIUS FOR RG058 = 48.3 [1.90]
11. 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.
12. DIM "A", "B", AND "C" HAVE A MINIMUM VALUE OF 0.0mm & A MAXIMUM VALUE OF 9.9mm
13. PRODUCTION OF STRIP AND TIN FOR CENTER DIELECTIC USE: A
14. PRODUCTION OF STRIP AND TIN FOR SHIELD USE: D=A+B
15. PRODUCTION OF STRIP AND TIN FOR JACKET USE: E=A+B+C
16. FOR STRIPPED AND TINNED OPTION, ONLY THE CENTER CONDUCTOR IS TINNED

THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

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

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MATERIAL: SEE END 1 AND END 2 ASSEMBLY PRINTS

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION: RF058 CABLE ASSEMBLY

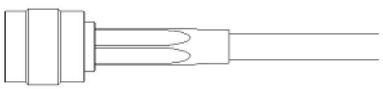
DWG. NO. RF058-XXXXX-XXXXXX-XXXX

BY: TIM P. 5/6/2005

REVISION L

-05SR
(STRAIGHT PLUG)

(USE DRAWING No. TNC-P-C-XX-SR-C10
FOR ASSEMBLY INSTRUCTIONS)

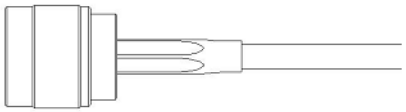


PLATING OPTION
3: 10µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: TNC-P-C-GN-SR-C10)

NOTE: ALL CRITICAL DIMENSIONS ON TNC-P-C-XX-SR-C10 THAT APPLY MUST BE VERIFIED.

-06SP
(STRAIGHT PLUG)

(USE DRAWING No. NTPE-P-C-XX-ST-C10
FOR ASSEMBLY INSTRUCTIONS)



PLATING OPTIONS
2: 30µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: NTPE-P-C-HN-ST-C10)

3: 10µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: NTPE-P-C-GN-ST-C10)

NOTE: ALL CRITICAL DIMENSIONS ON NTPE-P-C-XX-ST-C10 THAT APPLY MUST BE VERIFIED.

L *-01BJ
(STRAIGHT BULKHEAD JACK)

(USE DRAWING No. SMA-J-C-XX-ST-B10
FOR ASSEMBLY INSTRUCTIONS)

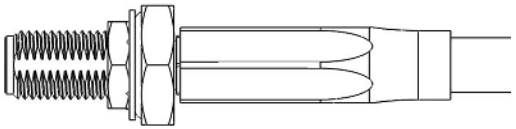
PLATING OPTIONS
1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: SMA-J-C-H-ST-B10)

7: 10µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: SMA-J-C-GF-ST-B10)

NOTE: ALL CRITICAL DIMENSIONS ON SMA-J-C-XX-ST-B10 THAT APPLY MUST BE VERIFIED.

L *-01SB
(SEALED STRAIGHT BULKHEAD JACK)

(USE DRAWING No. SMA-J-C-XX-ST-S10
FOR ASSEMBLY INSTRUCTIONS)



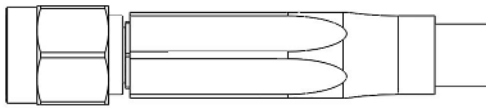
PLATING OPTIONS
1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: SMA-J-C-H-ST-S10)

7: 10µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: SMA-J-C-GF-ST-S10)

NOTE: ALL CRITICAL DIMENSIONS ON SMA-J-C-XX-ST-S10 THAT APPLY MUST BE VERIFIED.

L *-01SP
(STRAIGHT PLUG)

(USE DRAWING No. SMA-P-C-XX-ST-C10
FOR ASSEMBLY INSTRUCTIONS)

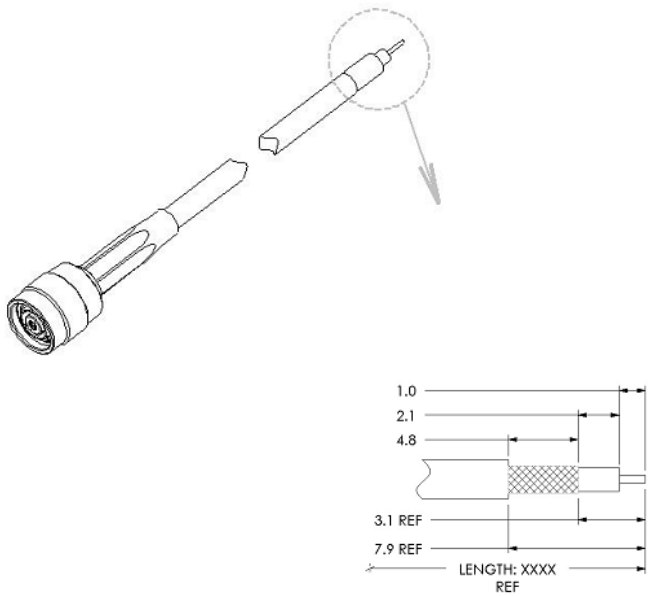


PLATING OPTIONS
1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: SMA-P-C-H-ST-C10)

7: 10µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: SMA-P-C-GF-ST-C10)

NOTE: ALL CRITICAL DIMENSIONS ON SMA-P-C-XX-ST-C10 THAT APPLY MUST BE VERIFIED.

FIG.3
RF058-05SRX-102148-XXXX SHOWN



F:\DWG\MISC\MKTG\RF058-XXXXX-XXXXXX-XXXX-MKT.SLDDRW

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e-Mail info@SAMTEC.com code 55322

DESCRIPTION: RF058 CABLE ASSEMBLY

DWG. NO. RF058-XXXXX-XXXXXX-XXXX

BY: TIM P. 5/6/2005 SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

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