

DESIGNED & DIMENSIONED
IN MILLIMETERS [INCHES]

DO NOT
SCALE FROM
THIS PRINT

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

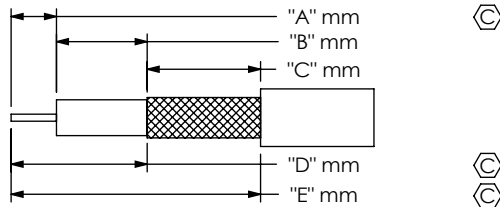


TABLE 1 [L]		
	CABLE CUT LENGTH	HI POT
STYLE	SUBTRACTOR	DCV
-05SRX	9.2 [0.36]	1000
-06SPX	15.3 [0.60]	1000
-01BJX	8.7 [0.34]	1000
-01SBX	8.7 [0.34]	1000
-01SPX	5.2 [0.20]	1000
-SING	0.0 [0.00]	1000

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%

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 TESTS, 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 1000 MILLIMETERS ARE NOT SUPPORTED BY S.I. TEST DATA
- MINIMUM BEND RADIUS FOR RG058 = 48.3 [1.90]
- 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 STRIPPED AND TINNED OPTION, ONLY THE CENTER CONDUCTOR IS TINNED

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.

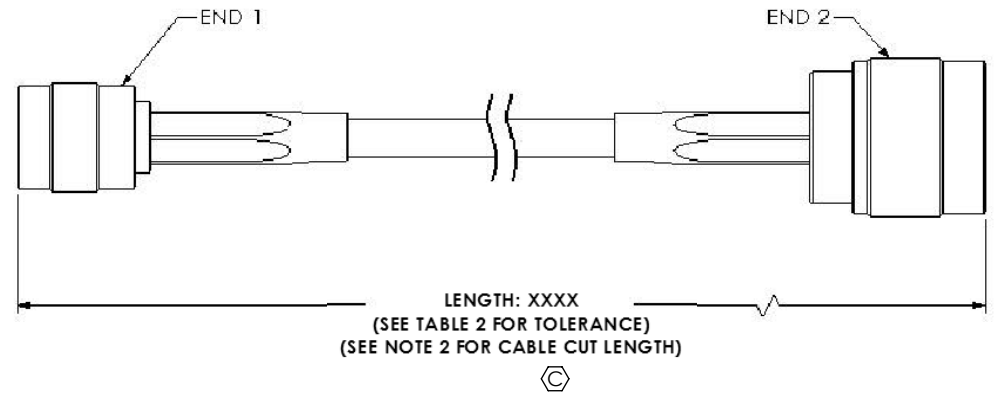


FIG.1
RF058-05SRX-06SPX-XXXX SHOWN

THIS PRODUCT MANUFACTURED
WITH LEAD-FREE PROCESSING

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

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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MATERIAL: DO NOT SCALE DRAWING
SEE END 1 AND END 2 ASSEMBLY PRINTS

SHEET SCALE: 2:1

DESCRIPTION: RF058 CABLE ASSEMBLY

DWG. NO. RF058-XXXXX-XXXXXX-XXXX

BY: TIM P. 5/6/2005 SHEET 1 OF 2

REVISION L

-05SR
(STRAIGHT PLUG)

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



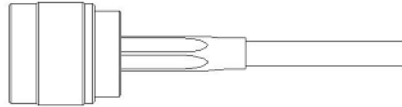
PLATING OPTION

- 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)

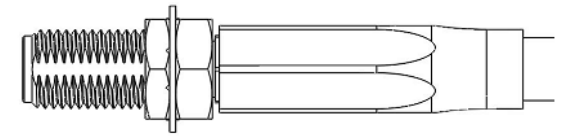
- 3: 10μ" MIN. GOLD CENTER CONTACT
- 100μ" MIN. NICKEL OUTER CONTACT
- 100μ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: NTPE-P-C-GN-ST-C10)

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)

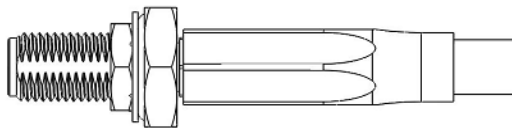
NOTE: ALL CRITICAL DIMENSIONS ON SMA-J-C-XX-ST-B10
THAT APPLY MUST BE VERIFIED.

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)

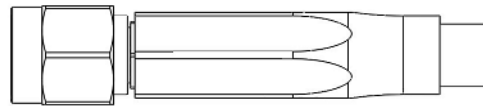
NOTE: ALL CRITICAL DIMENSIONS ON SMA-J-C-XX-ST-S10
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L

***-01SP**

(STRAIGHT PLUG)

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



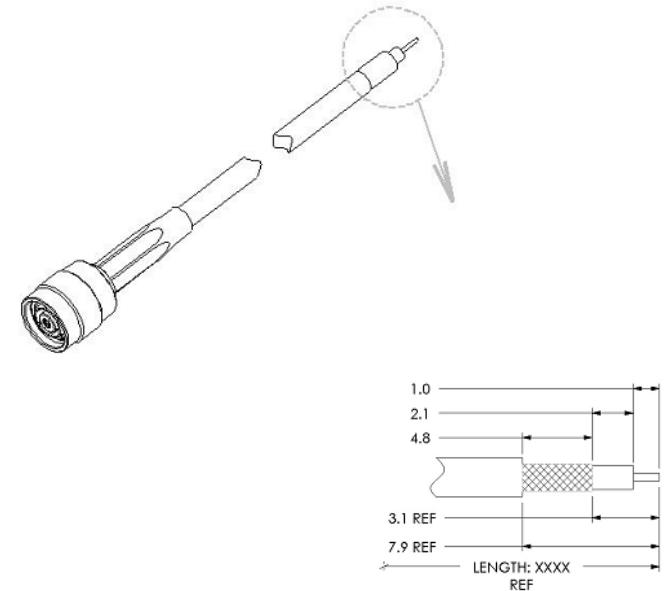
PLATING OPTIONS

- 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-102T48-XXXX SHOWN



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SHEET SCALE: 1:1



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DESCRIPTION:

RF058 CABLE ASSEMBLY

DWG. NO.

RF058-XXXXX-XXXXXX-XXXX

BY: TIM P.

5/6/2005

SHEET 2 OF 2