

DESIGNED & DIMENSIONED
IN MILLIMETERS [INCHES]

RF178-XXXXX-XXXXXX-XXXX

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

DO NOT
SCALE FROM
THIS PRINT

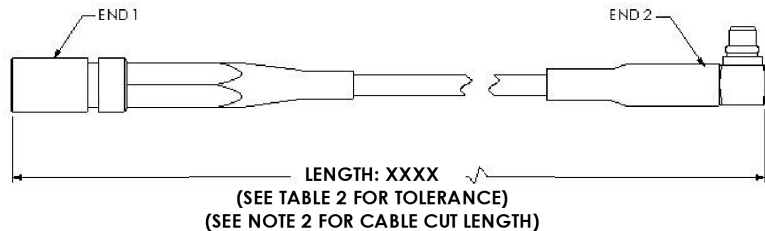
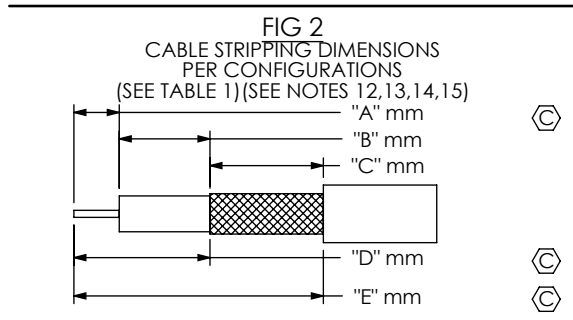


FIG 1
RF178-02SJX-03RPX-XXXX SHOWN

NOTES:

- ① REPRESENTS A CRITICAL DIMENSION.
- 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. THE TEST VOLTAGE FOR THE ASSEMBLY SHOULD BE SET TO THE END OPTION WITH THE LOWEST TEST VOLTAGE RATING.
- 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-RF-WI-3040-M.
LOCK WASHERS AND NUTS TO BE SHIPPED UNASSEMBLED. GASKETS TO BE INSTALLED ON CABLE.
- 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 RG178 = 10.2 [.40].
- 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 DIELECTRIC 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.
- CONNECTORS TO BE ORIENTED ACCORDING TO CO-RF-WI-3048-M.
- FOR STRIPPED AND TINNED OPTION, ONLY THE CENTER CONDUCTOR IS TINNED.

CABLE CALLOUT
178: CCA-178 (RG-178 COAXIAL CABLE)

END 1 CONNECTOR

- 01BJ: SMA-J-C-X-ST-BH2 (SEE SHEET 3)
- 01BR: SMA-J-C-X-ST-BR2 (SEE SHEET 3)
- 01SB: SMA-J-C-X-ST-SB2 (SEE SHEET 3)
- 01SR: SMA-J-C-X-ST-SR2 (SEE SHEET 3)
- 02SJ: MCX-J-C-X-ST-CA2 (SEE SHEET 3)
- 02RP: MCX-P-C-XX-RA-CA2 (SEE SHEET 3)
- 02SP: MCX-P-C-XX-ST-CA2 (SEE SHEET 4)
- 03SP: MMCX-P-C-XX-ST-CA2 (SEE SHEET 4)
- 03RP: MMCX-P-C-X-RA-CA2 (SEE SHEET 4)
- 04SP: BNC5-P-C-XX-ST-CA2 (SEE SHEET 4)
- 04BJ: BNC5-J-C-XX-ST-BH2 (SEE SHEET 5)
- 05SP: TNC-P-C-XX-ST-CA2 (SEE SHEET 5)
- 05BJ: TNC-J-C-XX-ST-BH2 (SEE SHEET 5)
- 06BJ: NTPE-J-C-XX-ST-BH2 (SEE SHEET 5)
- 07BJ: SMB5-J-C-XX-ST-CA2 (SEE SHEET 5)
- 13GP: GRFS-P-C-X-ST-CA2 (SEE SHEET 5)
- S7RP: SSMB-P-C-XX-RA-CA2 (SEE SHEET 6)
- S7SP: SSMB-P-C-XX-ST-CA2 (SEE SHEET 6)
- * -V3SJ: MMCXV-J-C-XX-ST-CA2 (SEE SHEET 6)
- * -V3SP: MMCXV-P-C-XX-ST-CA2 (SEE SHEET 6)
- * -V3RP: MMCXV-P-C-XX-RA-CA2 (SEE SHEET 6)

END 2 CONNECTOR OR PREPARATION

- 01BJ: SMA-J-C-X-ST-BH2 (SEE SHEET 3)
- 01BR: SMA-J-C-X-ST-BR2 (SEE SHEET 3)
- 01SB: SMA-J-C-X-ST-SB2 (SEE SHEET 3)
- 01SR: SMA-J-C-X-ST-SR2 (SEE SHEET 3)
- 02SJ: MCX-J-C-X-ST-CA2 (SEE SHEET 3)
- 02RP: MCX-P-C-XX-RA-CA2 (SEE SHEET 3)
- 02SP: MCX-P-C-XX-ST-CA2 (SEE SHEET 4)
- 03SP: MMCX-P-C-XX-ST-CA2 (SEE SHEET 4)
- 03RP: MMCX-P-C-X-RA-CA2 (SEE SHEET 4)
- 04SP: BNC5-P-C-XX-ST-CA2 (SEE SHEET 4)
- 04BJ: BNC5-J-C-XX-ST-BH2 (SEE SHEET 5)
- 05SP: TNC-P-C-XX-ST-CA2 (SEE SHEET 5)
- 05BJ: TNC-J-C-XX-ST-BH2 (SEE SHEET 5)
- 06BJ: NTPE-J-C-XX-ST-BH2 (SEE SHEET 5)
- 07BJ: SMB5-J-C-XX-ST-CA2 (SEE SHEET 5)
- 13GP: GRFS-P-C-X-ST-CA2 (SEE SHEET 5)
- S7RP: SSMB-P-C-XX-RA-CA2 (SEE SHEET 6)
- S7SP: SSMB-P-C-XX-ST-CA2 (SEE SHEET 6)
- * -V3SJ: MMCXV-J-C-XX-ST-CA2 (SEE SHEET 6)
- * -V3SP: MMCXV-P-C-XX-ST-CA2 (SEE SHEET 6)
- * -V3RP: MMCXV-P-C-XX-RA-CA2 (SEE SHEET 6)

* = NOT RELEASED FOR PRODUCTION

END 2 PLATING OPTION

- 1: GOLD ALL COMPONENTS
- 2: GOLD / NICKEL COMBINATION
- 3: ALTERNATE GOLD / NICKEL
- 4: ALTERNATE GOLD / GOLD FLASH / NICKEL
- 8: ALTERNATE HEAVY GOLD / GOLD FLASH / NICKEL
- *(LEAVE BLANK FOR -SING OR -XXXXX END 2 PREPARATION)

END 2 CONNECTOR OR PREPARATION

- 01BJ: SMA-J-C-X-ST-BH2 (SEE SHEET 3)
- 01BR: SMA-J-C-X-ST-BR2 (SEE SHEET 3)
- 01SB: SMA-J-C-X-ST-SB2 (SEE SHEET 3)
- 01SR: SMA-J-C-X-ST-SR2 (SEE SHEET 3)
- 02SJ: MCX-J-C-X-ST-CA2 (SEE SHEET 3)
- 02RP: MCX-P-C-XX-RA-CA2 (SEE SHEET 3)
- 02SP: MCX-P-C-XX-ST-CA2 (SEE SHEET 4)
- 03SP: MMCX-P-C-XX-ST-CA2 (SEE SHEET 4)
- 03RP: MMCX-P-C-X-RA-CA2 (SEE SHEET 4)
- 04SP: BNC5-P-C-XX-ST-CA2 (SEE SHEET 4)
- 04BJ: BNC5-J-C-XX-ST-BH2 (SEE SHEET 5)
- 05SP: TNC-P-C-XX-ST-CA2 (SEE SHEET 5)
- 05BJ: TNC-J-C-XX-ST-BH2 (SEE SHEET 5)
- 06BJ: NTPE-J-C-XX-ST-BH2 (SEE SHEET 5)
- 07BJ: SMB5-J-C-XX-ST-CA2 (SEE SHEET 5)
- 13GP: GRFS-P-C-X-ST-CA2 (SEE SHEET 5)
- S7RP: SSMB-P-C-XX-RA-CA2 (SEE SHEET 6)
- S7SP: SSMB-P-C-XX-ST-CA2 (SEE SHEET 6)
- * -V3SJ: MMCXV-J-C-XX-ST-CA2 (SEE SHEET 6)
- * -V3SP: MMCXV-P-C-XX-ST-CA2 (SEE SHEET 6)
- * -V3RP: MMCXV-P-C-XX-RA-CA2 (SEE SHEET 6)
- SING: SINGLE ENDED (ONE END ONLY, SEE NOTE 11)
- XXXXX: STRIPPED AND TINNED (THIS END ONLY - SEE NOTES 11-15, 17 & SHEET 4, FIG. 3)

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

(SEE FIG. 2) "C" FORMAT: X.X mm
(SEE FIG. 2) "B" FORMAT: X.X mm
(SEE FIG. 2) "A" FORMAT: X.X mm

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THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

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]	PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.	DESCRIPTION: RF178 CABLE ASSEMBLY	
		DWG. NO. RF178-XXXXX-XXXXXX-XXXX	
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1 SEE END 1 AND END 2 ASSEMBLY PRINTS		BY: TIM P.	5/6/2005




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

TABLE 1		
CABLE	CABLE CUT LENGTH	HI POT
STYLE	SUBTRACTOR	DCV
-01BJX	9.0 [0.35]	1000
-01BRX	9.4 [0.37]	1000
-01SBX	9.0 [0.35]	1000
-01SRX	9.4 [0.37]	1000
-02SJX	6.1 [0.24]	1000
-02RPX	1.9 [0.07]	1000
-02SPX	7.4 [0.29]	630
-03SPX	4.2 [0.17]	630
-03RPX	1.5 [0.06]	1000
-04SPX	10.7 [0.42]	1000
-04BJX	15.0 [0.59]	1000
-05SPX	11.3 [0.44]	1000
-05BJX	15.0 [0.59]	1000
-06BJX	17.3 [0.68]	1000
-07BJX	7.7 [0.30]	1000
-13GPX	5.1 [0.20]	1000
-S7RPX	1.5 [0.06]	1000
-S7SPX	8.1 [0.32]	1000
-V3SJX	4.9 [0.19]	1000
*-V3SPX	5.7 [0.22]	1000
*-V3RPX	1.5 [0.06]	1000
*-SING	0.0 [0.00]	1000
-XXXXXX	0.0 [0.00]	1000

* = NOT RELEASED FOR PRODUCTION

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%

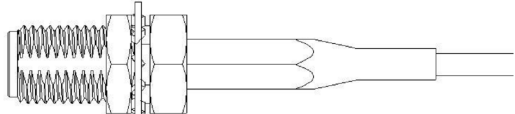
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	DESCRIPTION: RF178 CABLE ASSEMBLY	
	DWG. NO. RF178-XXXX-XXXX-XXXX	
	BY: TIM P.	5/6/2005

-01BJ

(STRAIGHT BULKHEAD JACK)

(USE DRAWING No. SMA-J-C-X-ST-BH2 FOR ASSEMBLY INSTRUCTIONS)

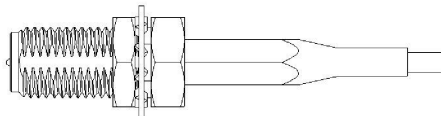


PLATING
 1: 30µ" MIN. GOLD CENTER CONTACT
 3µ" MIN. GOLD OUTER CONTACT
 3µ" MIN. GOLD REMAINING METAL PARTS
 (END CONNECTOR P/N: SMA-J-C-H-ST-BH2)

NOTE: ALL CRITICAL DIMENSIONS ON SMA-J-C-X-ST-BH2 THAT APPLY MUST BE VERIFIED.

-01BR (REVERSED POLARITY)
 (STRAIGHT BULKHEAD JACK)

(USE DRAWING No. SMA-J-C-X-ST-BR2 FOR ASSEMBLY INSTRUCTIONS)



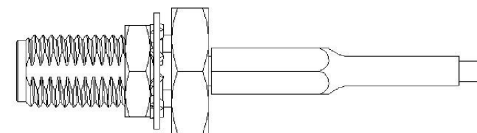
PLATING
 1: 30µ" MIN. GOLD CENTER CONTACT
 3µ" MIN. GOLD OUTER CONTACT
 3µ" MIN. GOLD REMAINING METAL PARTS
 (END CONNECTOR P/N: SMA-J-C-H-ST-BR2)

NOTE: ALL CRITICAL DIMENSIONS ON SMA-J-C-X-ST-BR2 THAT APPLY MUST BE VERIFIED.

-01SB

(STRAIGHT BULKHEAD JACK)

(USE DRAWING No. SMA-J-C-X-ST-SB2 FOR ASSEMBLY INSTRUCTIONS)



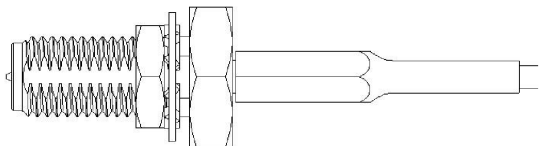
PLATING
 1: 30µ" MIN. GOLD CENTER CONTACT
 3µ" MIN. GOLD OUTER CONTACT
 3µ" MIN. GOLD REMAINING METAL PARTS
 (END CONNECTOR P/N: SMA-J-C-H-ST-SB2)

NOTE: ALL CRITICAL DIMENSIONS ON SMA-J-C-X-ST-SB2 THAT APPLY MUST BE VERIFIED.

-01SR (REVERSED POLARITY)

(SEALED STRAIGHT BULKHEAD JACK)

(USE DRAWING No. SMA-J-C-X-ST-SR2 FOR ASSEMBLY INSTRUCTIONS)



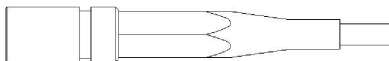
PLATING
 1: 30µ" MIN. GOLD CENTER CONTACT
 3µ" MIN. GOLD OUTER CONTACT
 3µ" MIN. GOLD REMAINING METAL PARTS
 (END CONNECTOR P/N: SMA-J-C-H-ST-SR2)

NOTE: ALL CRITICAL DIMENSIONS ON SMA-J-C-X-ST-SR2 THAT APPLY MUST BE VERIFIED.

-02SJ

(STRAIGHT JACK)

(USE DRAWING No. MCX-J-C-X-ST-CA2 FOR ASSEMBLY INSTRUCTIONS)



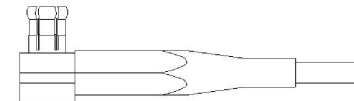
PLATING
 1: 30µ" MIN. GOLD CENTER CONTACT
 3µ" MIN. GOLD OUTER CONTACT
 3µ" MIN. GOLD REMAINING METAL PARTS
 (END CONNECTOR P/N: MCX-J-C-H-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON MCX-J-C-X-ST-CA2 THAT APPLY MUST BE VERIFIED.

-02RP

(RIGHT ANGLE PLUG)

(USE DRAWING No. MCX-P-C-XX-RA-CA2 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: MCX-P-C-H-RA-CA2)

2: 30µ" MIN. GOLD CENTER CONTACT
 3µ" MIN. GOLD OUTER CONTACT
 100µ" MIN. NICKEL REMAINING METAL PARTS
 (END CONNECTOR P/N: MCX-P-C-HN-RA-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON MCX-P-C-XX-RA-CA2 THAT APPLY MUST BE VERIFIED.

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SHEET SCALE: 1:1



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

DESCRIPTION: RF178 CABLE ASSEMBLY

DWG. NO. RF178-XXXXX-XXXXXX-XXXX

BY: TIM P. 5/6/2005 SHEET 3 OF 6

REVISION AC

-02SP
(STRAIGHT PLUG)

(USE DRAWING No. MCX-P-C-XX-ST-CA2 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: MCX-P-C-H-ST-CA2)

2: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MCX-P-C-HN-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON MCX-P-C-XX-ST-CA2 THAT APPLY MUST BE VERIFIED.

-03SP
(STRAIGHT PLUG)

(USE DRAWING No. MMCX-P-C-XX-ST-CA2 FOR ASSEMBLY INSTRUCTIONS)



PLATING OPTIONS

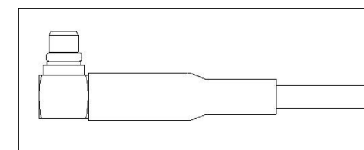
1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: MMCX-P-C-H-ST-CA2)

2: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MMCX-P-C-HN-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON MMCX-P-C-XX-ST-CA2 THAT APPLY MUST BE VERIFIED.

-03RP
(RIGHT ANGLE PLUG)

(USE DRAWING No. MMCX-P-C-X-RA-CA2 FOR ASSEMBLY INSTRUCTIONS)



PLATING

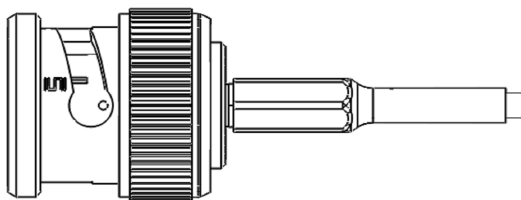
1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: MMCX-P-C-H-RA-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON MMCX-P-C-X-RA-CA2 THAT APPLY MUST BE VERIFIED.

-04SP

(STRAIGHT PLUG)

(USE DRAWING No. BNC5-P-C-XX-ST-CA2 FOR ASSEMBLY INSTRUCTIONS)

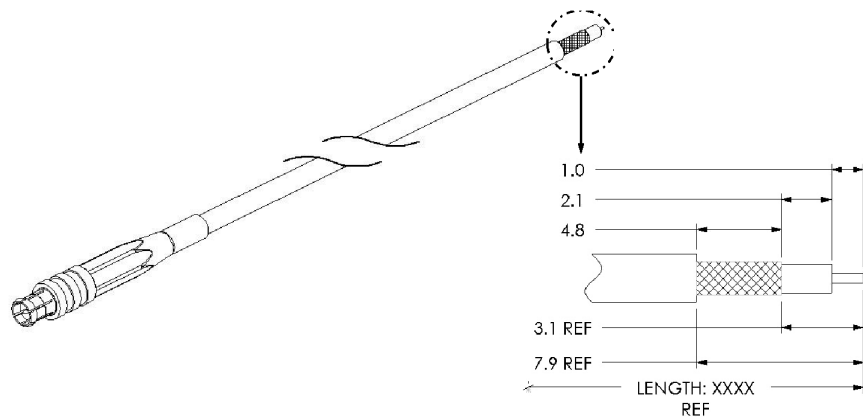


PLATING OPTIONS

2: 30µ" MIN. GOLD CENTER CONTACT
100µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: BNC5-P-C-HN-ST-CA2)

3: 10µ" MIN. GOLD CENTER CONTACT
100µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: BNC5-P-C-GN-ST-CA2)

FIG 3
RF178-02SPX-102T48-XXXX SHOWN



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DO NOT SCALE DRAWING

SHEET SCALE: 5:1



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

DESCRIPTION:
RF178 CABLE ASSEMBLY

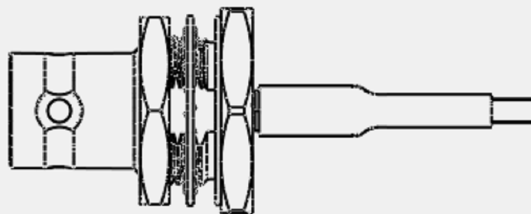
DWG. NO.
RF178-XXXXX-XXXXXX-XXXX

BY: TIM P. 5/6/2005 SHEET 4 OF 6

REVISION AC**-04BJ**

(STRAIGHT BULKHEAD JACK)

(USE DRAWING No. BNC5-J-C-XX-ST-BH2 FOR ASSEMBLY INSTRUCTIONS)

**PLATING OPTIONS**

2: 30μ" MIN. GOLD CENTER CONTACT
 100μ" MIN. GOLD OUTER CONTACT
 100μ" MIN. NICKEL REMAINING METAL PARTS
 (END CONNECTOR P/N: BNC5-J-C-HN-ST-BH2)

3: 10μ" MIN. GOLD CENTER CONTACT
 100μ" MIN. GOLD OUTER CONTACT
 100μ" MIN. NICKEL REMAINING METAL PARTS
 (END CONNECTOR P/N: BNC5-J-C-GN-ST-BH2)

4: 10μ" MIN. GOLD CENTER CONTACT
 3μ" MIN. GOLD OUTER CONTACT
 100μ" MIN. NICKEL REMAINING METAL PARTS
 (END CONNECTOR P/N: BNC5-J-C-GF-ST-BH2)

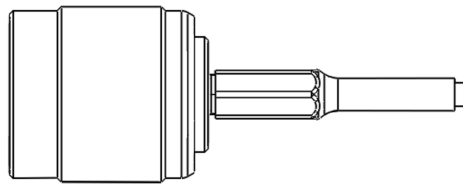
8: 30μ" MIN. GOLD CENTER CONTACT
 3μ" MIN. GOLD OUTER CONTACT
 100μ" MIN. NICKEL REMAINING METAL PARTS
 (END CONNECTOR P/N: BNC5-J-C-HF-ST-BH2)

NOTE: ALL CRITICAL DIMENSIONS ON BNC5-J-C-XX-ST-BH2 THAT APPLY MUST BE VERIFIED.

-05SP

(STRAIGHT PLUG)

(USE DRAWING No. TNC-P-C-XX-ST-CA2 FOR ASSEMBLY INSTRUCTIONS)

**PLATING OPTIONS**

2: 30μ" MIN. GOLD CENTER CONTACT
 100μ" MIN. GOLD OUTER CONTACT
 100μ" MIN. NICKEL REMAINING METAL PARTS
 (END CONNECTOR P/N: TNC-P-C-HN-ST-CA2)

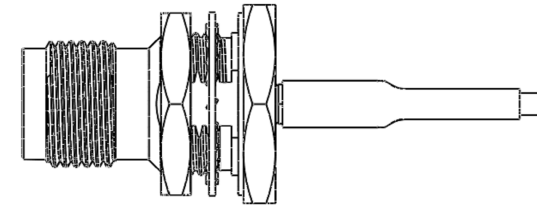
3: 10μ" MIN. GOLD CENTER CONTACT
 100μ" MIN. GOLD OUTER CONTACT
 100μ" MIN. NICKEL REMAINING METAL PARTS
 (END CONNECTOR P/N: TNC-P-C-GN-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON TNC-P-C-XX-ST-CA2 THAT APPLY MUST BE VERIFIED.

-05BJ

(STRAIGHT BULKHEAD JACK)

(USE DRAWING No. TNC-J-C-XX-ST-BH2 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: TNC-J-C-HF-ST-BH2)

2: 30μ" MIN. GOLD CENTER CONTACT
 100μ" MIN. NICKEL OUTER CONTACT
 100μ" MIN. NICKEL REMAINING METAL PARTS
 (END CONNECTOR P/N: TNC-J-C-HN-ST-BH2)

3: 10μ" MIN. GOLD CENTER CONTACT
 100μ" MIN. NICKEL OUTER CONTACT
 100μ" MIN. NICKEL REMAINING METAL PARTS
 (END CONNECTOR P/N: TNC-J-C-GN-ST-BH2)

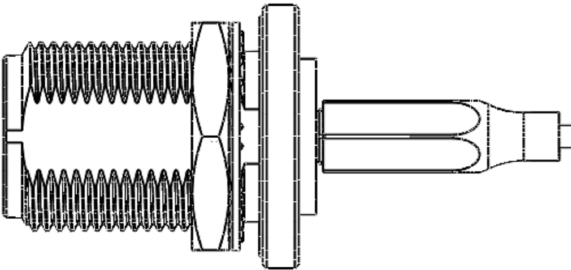
4: 10μ" MIN. GOLD CENTER CONTACT
 3μ" MIN. GOLD OUTER CONTACT
 100μ" MIN. NICKEL REMAINING METAL PARTS
 (END CONNECTOR P/N: TNC-J-C-GF-ST-BH2)

NOTE: ALL CRITICAL DIMENSIONS ON TNC-J-C-XX-ST-BH2 THAT APPLY MUST BE VERIFIED.

-06BJ

(STRAIGHT BULKHEAD JACK)

(USE DRAWING No. NTPE-J-C-XX-ST-BH2 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-J-C-HN-ST-BH2)

3: 10μ" MIN. GOLD CENTER CONTACT
 100μ" MIN. NICKEL OUTER CONTACT
 100μ" MIN. NICKEL REMAINING METAL PARTS
 (END CONNECTOR P/N: NTPE-J-C-GN-ST-BH2)

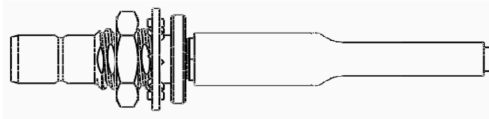
NOTE: ALL CRITICAL DIMENSIONS ON NTPE-J-C-XX-ST-CA2 THAT APPLY MUST BE VERIFIED.

F:\DWG\MISC\MKTG\RF178-XXXXX-XXXXX-XXXX-MKT.SLDDRW

-07BJ

(STRAIGHT BULKHEAD JACK)

(USE DRAWING No. SMB5-J-C-XX-ST-CA2 FOR ASSEMBLY INSTRUCTIONS)

**PLATING OPTIONS**

2: 30μ" MIN. GOLD CENTER CONTACT
 100μ" MIN. GOLD OUTER CONTACT
 100μ" MIN. NICKEL REMAINING METAL PARTS
 (END CONNECTOR P/N: SMB5-J-C-HN-ST-CA2)

3: 10μ" MIN. GOLD CENTER CONTACT
 100μ" MIN. GOLD OUTER CONTACT
 100μ" MIN. NICKEL REMAINING METAL PARTS
 (END CONNECTOR P/N: SMB5-J-C-GN-ST-CA2)

4: 10μ" MIN. GOLD CENTER CONTACT
 3μ" MIN. GOLD OUTER CONTACT
 100μ" MIN. NICKEL REMAINING METAL PARTS
 (END CONNECTOR P/N: SMB5-J-C-GF-ST-CA2)

8: 30μ" MIN. GOLD CENTER CONTACT
 3μ" MIN. GOLD OUTER CONTACT
 100μ" MIN. NICKEL REMAINING METAL PARTS
 (END CONNECTOR P/N: SMB5-J-C-HF-ST-CA2)

-13GP

(STRAIGHT PLUG)

(USE DRAWING No. GRFS-P-C-X-ST-CA2 FOR ASSEMBLY INSTRUCTIONS)

**PLATING**

1: 30μ" MIN. GOLD CENTER CONTACT
 3μ" MIN. GOLD OUTER CONTACT
 3μ" MIN. GOLD REMAINING METAL PARTS
 (END CONNECTOR P/N: GRFS-P-C-H-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON GRFS-P-C-X-ST-CA2 THAT APPLY MUST BE VERIFIED.

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DO NOT SCALE DRAWING

SHEET SCALE: 5:1

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

DESCRIPTION:

RF178 CABLE ASSEMBLY

DWG. NO.

RF178-XXXXX-XXXXXX-XXXX

BY: TIM P.

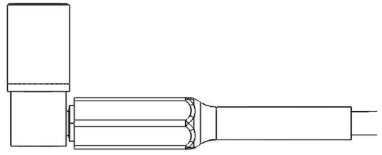
5/6/2005

SHEET 5 OF 6

REVISION AC

-S7RP
(RIGHT ANGLE PLUG)

(USE DRAWING No. SSMB-P-C-XX-RA-CA2 FOR ASSEMBLY INSTRUCTIONS)

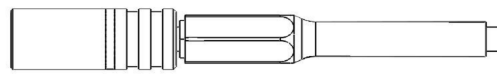


PLATING
4: 10µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: SSMB-P-C-GF-RA-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON SSMB-P-C-XX-RA-CA2 THAT APPLY MUST BE VERIFIED.

-S7SP
(STRAIGHT PLUG)

(USE DRAWING No. SSMB-P-C-XX-ST-CA2 FOR ASSEMBLY INSTRUCTIONS)

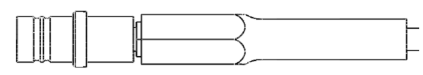


PLATING
4: 10µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: SSMB-P-C-GF-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON SSMB-P-C-XX-ST-CA2 THAT APPLY MUST BE VERIFIED.

*** -V3SJ**
(STRAIGHT JACK)

(USE DRAWING No. MMCXV-J-C-XX-ST-CA2 FOR ASSEMBLY INSTRUCTIONS)



PLATING
T: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: MMCXV-J-C-HF-ST-CA2)

4: 10µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MMCXV-J-C-GF-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON MMCXV-J-C-XX-ST-CA2 THAT APPLY MUST BE VERIFIED.

*** -V3SP**
(STRAIGHT PLUG)

(USE DRAWING No. MMCXV-P-C-XX-ST-CA2 FOR ASSEMBLY INSTRUCTIONS)



PLATING
T: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: MMCXV-P-C-HF-ST-CA2)

4: 10µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MMCXV-P-C-GF-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON MMCXV-P-C-XX-ST-CA2 THAT APPLY MUST BE VERIFIED.

*** -V3RP**
(RIGHT ANGLE PLUG)

(USE DRAWING No. MMCXV-P-C-XX-RA-CA2 FOR ASSEMBLY INSTRUCTIONS)



PLATING
T: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: MMCXV-P-C-HF-RA-CA2)

4: 10µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MMCXV-P-C-GF-RA-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON MMCXV-P-C-XX-RA-CA2 THAT APPLY MUST BE VERIFIED.

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DO NOT SCALE DRAWING

SHEET SCALE: 5:1



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DESCRIPTION:
RF178 CABLE ASSEMBLY

DWG. NO.
RF178-XXXXX-XXXXXX-XXXX

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