

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%

SERIES	"A"	"B"	"C"	RFXXX-13GPX-XXXX-XXXX
GRF1-	2.53 [0.100]	2.70 [0.106]	0.40 [0.016]	RF316-13GPX-XXXX-XXXX
	1.80 [0.071]			RF178-13GPX-XXXX-XXXX
GRF7-	2.06 [0.081]	2.60 [0.102]	0.32 [0.013]	RF25S-V3SPX-XXXX-XXXX
	2.54 [0.100]			RF179-73SPX-XXXX-XXXX

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

SERIES
GRF1: GRF 50 OHM CONNECTORS
GRF7: GRF 75 OHM CONNECTORS
(SEE TABLE 2)

SERIES
H: HYBRID
(ASSORTED END 2 OPTION)

No OF POSITIONS
-2, -4, -6, -8

LENGTH
-XXXX (IN MILLIMETERS)
0100 MIN (SEE NOTE 4)

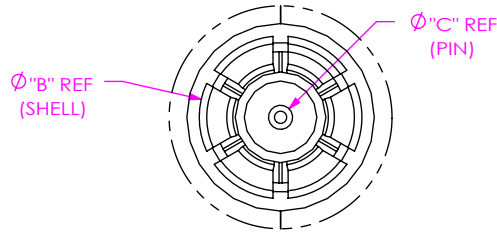
END 1 PLATING OPTION
1: GOLD ALL COMPONENTS
4: ALTERNATE GOLD / GOLD FLASH / NICKEL
(SEE TABLE 3, SHEET 3)

CABLE TYPE
-CA1: USE CCA-316 COAX CABLE
*-CA2: USE CCA-178 COAX CABLE
*-CS5: USE MWC-2550-01-COAX CABLE
-CA3: USE CCA-179 COAX CABLE
(SEE TABLE 4, SHEET 3)

END 2 PLATING OPTION
1: GOLD ALL COMPONENTS
2: GOLD / NICKEL COMBINATION
3: ALTERNATE GOLD / NICKEL
4: ALTERNATE GOLD / GOLD FLASH / NICKEL
7: ALTERNATE GOLD MEDIUM / GOLD FLASH
(SEE SHEET 5-12 FOR PLATING SPECIFICS)

END 2 OPTION
(SEE SHEET 4 TABLE 6)
(FOR SINGLE ENDED ASSEMBLY INSTRUCTIONS SEE DRAWING No. GRFX-P-C-XX-XXXX-XXX-X-XX)

SCREW OPTION
-S: CAPTIVE PANEL SCREWS
BLANK: NO SCREWS
(SEE FIG 1 & FIG 2)



DETAIL 'A'
SCALE 8:1

*=NOT RELEASED FOR PRODUCTION.

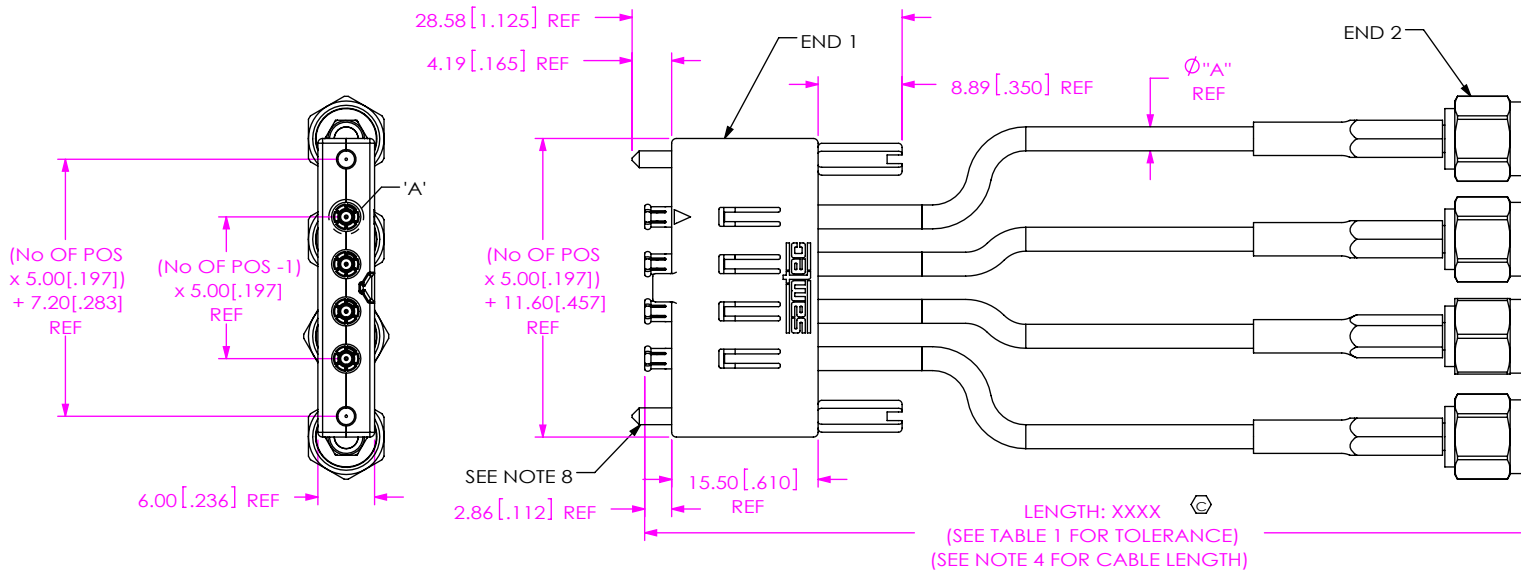
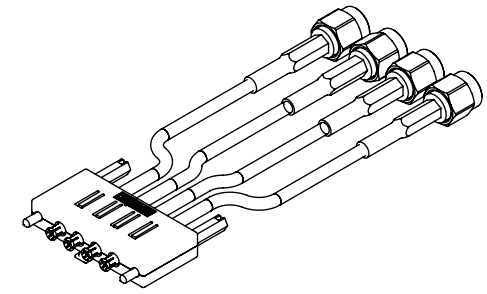


FIG 1
GRFXH-4-XXXX-X-CXX-S-01SPX SHOWN



NOTES:

- ⊗ REPRESENTS A CRITICAL DIMENSION.
- USE REMOVAL TOOL #CAT-EX-GRF1-01 TO REMOVE CABLES FROM ASSEMBLY.
- MINIMUM PULL OUT FORCE: 5 LBS.
- CABLE LENGTHS LONGER THAN 1000 MILLIMETERS ARE NOT SUPPORTED BY S.I. TEST DATA.
- CABLE CUT LENGTH: = (LENGTH: XXXX) - (SUBTRACTOR FOR END 1) - (SUBTRACTOR FOR END 2). (SEE SHEET 2, TABLE 5 FOR SUBTRACTORS)
- ASSEMBLY TO BE 100% TESTED FOR OPENS/SHORTS.
- ASSEMBLY TO BE 100% HIPOT TESTED PER TABLE 5.
- RECOMMENDED TORQUE ON MOUNTING SCREWS: 2-4 IN-OZ.
- FINISHED ASSEMBLIES TO BE PACKAGED PER PACKAGING STANDARD CO-RF-WI-3040-M. ASSEMBLIES WITH LOCKWASHERS, NUTS, AND GASKETS TO BE SHIPPED KITTED AS ONE ASSEMBLY PER BAG, UNASSEMBLED.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES ARE:
DECIMALS ANGLES
.X: ±0.3 [.01] 5°
.XX: ±0.13 [.005]
.XXX: ±0.051 [.0020]

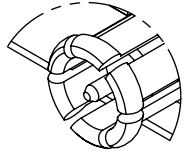
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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
SEE END 1 AND END 2 ASSEMBLY PRINTS

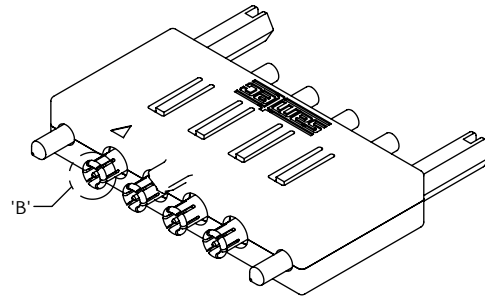


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e-Mail: info@SAMTEC.com code: 55322

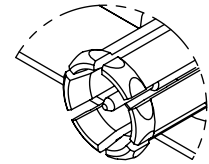
DESCRIPTION: CABLE ASSEMBLY, GRF1 & GRF7 HYBRID
DWG. NO. GRFXH-X-XXXX-X-XXX-X-XXXX
BY: ALVIN W 11/13/2012 SHEET 1 OF 12



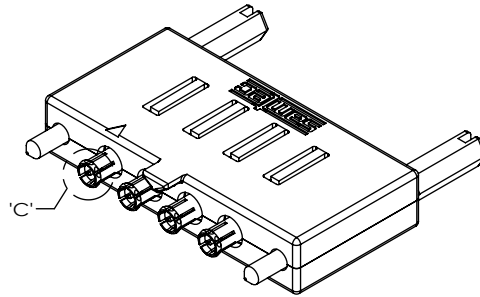
DETAIL 'B'
SCALE 6 : 1



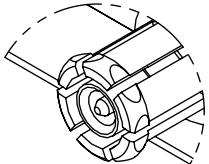
GRF1-P-C-04-XXXX-CXX-S-S-XX



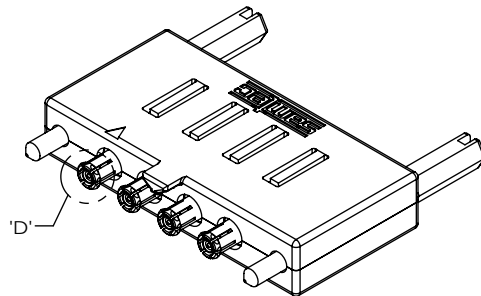
DETAIL 'C'
SCALE 6 : 1



GRF7-P-C-04-XXXX-CXX-S-S-XX



DETAIL 'D'
SCALE 6 : 1



* GRF1-P-C-04-XXXX-CS5-S-S-XX

END 1
(GRFXH CONNECTOR)
(USE DRAWING No. GRFX-P-C-XX-XXXX-XXX-X-X-XX
FOR ASSEMBLY INSTRUCTIONS)

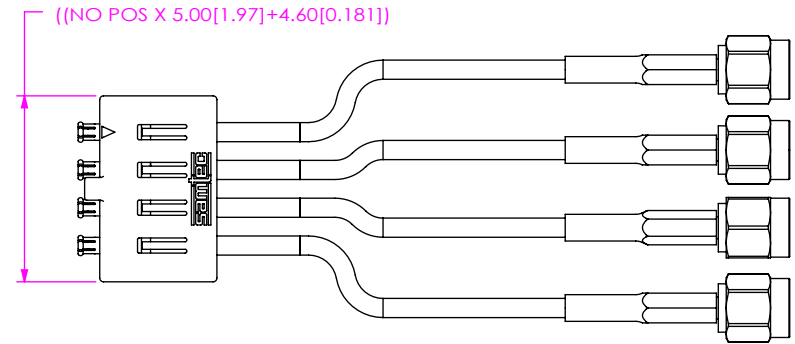
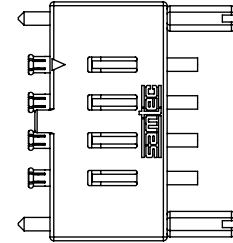


FIG 2
GRFXH-4-XXXX-X-CXX-01SPX SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]

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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
CABLE ASSEMBLY, GRF1 & GRF7 HYBRID

DWG. NO.
GRFXH-X-XXXX-X-XXX-X-XXXXX

BY: ALVIN W 11/13/2012 SHEET 2 OF 12

TABLE 4 (TERMINATION)				
SERIES	-C1	-CA2	-CS5	-CA3
GRF1-	RF316-13GPX-XXXXX-XXXX	RF178-13GPX-XXXXX-XXXX	RF25S-V3SPX-XXXXX-XXXX	N/A
GRF7-	N/A	N/A	N/A	RF179-73SPX-XXXXX-XXXX

TABLE 5		
CABLE	CABLE CUT LGTH	HI-POT
STYLE	"SUBTRACTOR"	DCV
-00SJX	3.9 [0.15]	500
-00RJX	1.7 [0.07]	500
-01SPX	5.7 [0.22]	1000
-01RPX	2.7 [0.11]	1000
-01BJX	9.0 [0.35]	1000
-01BRX	9.4 [0.37]	1000
-01SBX	9.0 [0.35]	1000
-01SRX	9.4 [0.37]	1000
-01PNX	6.2 [0.24]	1000
-02SJX	6.2 [0.24]	1000
-02RPX	1.7 [0.07]	1000
-02SPX	7.4 [0.29]	630
-03SPX	4.2 [0.17]	1000
-03RPX	1.4 [0.06]	1000
-04SPX	9.0 [0.35]	1000
-04BJX	13.4 [0.53]	1000
-05SPX	9.3 [0.37]	1000
-05BJX	13.4 [0.53]	1000
-06BJX	17.0 [0.67]	1000
-07SPX	7.7 [0.30]	1000
-07RPX	2.8 [0.11]	1000
-07BJX	8.4 [0.33]	1000
-13GPX	5.1 [0.20]	1000
-13GJX	4.2 [0.16]	1000
-S7SPX	8.1 [0.32]	1000
-S7RPX	1.5 [0.06]	1000
-V3SJX	4.9 [0.19]	1000
-V3SPX	5.7 [0.22]	1000
-V3RPX	1.5 [0.06]	1000
-72SPX	7.3 [0.29]	1000
-72RPX	2.0 [0.08]	1000
-73RPX	1.7 [0.07]	500
-74SPX	10.3 [0.41]	1000
-74BJX	13.4 [0.53]	1000
-77SPX	7.5 [0.29]	1000
-77RPX	2.9 [0.11]	1000
-D4SPX	10.3 [0.41]	1000
-78SPX	15.7 [0.62]	1000
-79SPX	8.7 [0.34]	1000
-79RPX	5.3 [0.21]	1000
-73SPX	5.5 [0.22]	1000
-73RPX	1.7 [0.07]	1000
-73SJX	4.7 [0.19]	1000

TABLE 3 (PLATING, SEE NOTE 5)		
SERIES	1	4
GRF1-	RF316-13GP1-XXXXX-XXXX	N/A
	RF178-13GP1-XXXXX-XXXX	N/A
	RF25S-V3SP1-XXXXX-XXXX	RF25S-V3SP4-XXXXX-XXXX
GRF7-	RF179-73SP1-XXXXX-XXXX	RF179-73SP4-XXXXX-XXXX

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 e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
 CABLE ASSEMBLY, GRF1 & GRF7 HYBRID
 DWG. NO. GRFXH-X-XXXX-X-XXX-X-XXXXX
 BY: ALVIN W 11/13/2012 SHEET 3 OF 12

TABLE 6 (END 2 OPTION)

GRF1H-: GRF 50 OHM CABLE

STYLE	-CA1	-CA2	-CS5
-00SJX	N/A	N/A	SMP-J-C-XX-ST-CS5 (SEE SHEET 5)
-00RJX	N/A	N/A	SMP-J-C-XX-RA-CS5 (SEE SHEET 5)
-01SPX	SMA-P-C-X-ST-CA1 (SEE SHEET 5)	N/A	SMA-P-C-X-ST-CS5 (SEE SHEET 5)
-01RPX	SMA-P-C-X-RA-CA1 (SEE SHEET 5)	N/A	N/A
-01BJX	SMA-J-C-X-ST-BH1 (SEE SHEET 5)	SMA-J-C-X-ST-BH2 (SEE SHEET 5)	SMA-J-C-X-ST-BS5 (SEE SHEET 5)
-01BRX	SMA-J-C-X-ST-BR1 (SEE SHEET 5)	SMA-J-C-X-ST-BR2 (SEE SHEET 5)	N/A
-01SBX	SMA-J-C-X-ST-SB1 (SEE SHEET 6)	SMA-J-C-X-ST-SB2 (SEE SHEET 6)	N/A
-01SRX	SMA-J-C-X-ST-SR1 (SEE SHEET 6)	SMA-J-C-X-RA-SB2 (SEE SHEET 6)	N/A
-01PNX	SMA-J-C4-XX-ST-PN1 (SEE SHEET 6)	N/A	N/A
-02SJX	MCX-J-C-X-ST-CA1 (SEE SHEET 6)	MCX-J-C-X-ST-CA2 (SEE SHEET 6)	N/A
-02RPX	MCX-P-C-XX-RA-CA1 (SEE SHEET 6)	MCX-P-C-XX-RA-CA2 (SEE SHEET 6)	N/A
-02SPX	MCX-P-C-XX-ST-CA1 (SEE SHEET 7)	MCX-P-C-XX-ST-CA2 (SEE SHEET 7)	N/A
-03SPX	MMCX-P-C-XX-ST-CA1 (SEE SHEET 7)	MMCX-P-C-XX-ST-CA2 (SEE SHEET 7)	N/A
-03RPX	MMCX-P-C-X-RA-CA1 (SEE SHEET 7)	MMCX-P-C-X-RA-CA2 (SEE SHEET 7)	N/A
-04SPX	BNC5-P-C-XX-ST-CA1 (SEE SHEET 7)	BNC5-P-C-XX-ST-CA2 (SEE SHEET 7)	N/A
-04BJX	BNC5-J-C-XX-ST-BH1 (SEE SHEET 7)	BNC5-J-C-XX-ST-BH2 (SEE SHEET 7)	N/A
-05SPX	TNC-P-C-XX-ST-CA1 (SEE SHEET 7)	TNC-P-C-XX-ST-CA2 (SEE SHEET 7)	N/A
-05BJX	TNC-J-C-XX-ST-BH1 (SEE SHEET 8)	TNC-J-C-XX-ST-BH2 (SEE SHEET 8)	N/A
-06BJX	NTPE-J-C-XX-ST-BH1 (SEE SHEET 8)	NTPE-J-C-XX-ST-BH2 (SEE SHEET 8)	N/A
-07SPX	SMB5-P-C-XX-ST-CA1 (SEE SHEET 8)	N/A	N/A
-07RPX	SMB5-P-C-XX-RA-CA1 (SEE SHEET 8)	N/A	N/A
-07BJX	SMB5-J-C-X-ST-BH1 (SEE SHEET 8)	SMB5-J-C-X-ST-CA2 (SEE SHEET 8)	N/A
-13GPX	GRFS-P-C-X-ST-CA1 (SEE SHEET 8)	GRFS-P-C-X-ST-CA2 (SEE SHEET 8)	N/A
-13GJX	GRFS-J-C-X-ST-CA1 (SEE SHEET 9)	N/A	N/A
-S7SPX	SSMB-P-C-XX-ST-CA1 (SEE SHEET 9)	SSMB-P-C-XX-ST-CA2 (SEE SHEET 9)	N/A
-S7RPX	SSMB-P-C-XX-RA-CA1 (SEE SHEET 9)	SSMB-P-C-XX-RA-CA2 (SEE SHEET 9)	N/A
-V3SJX	MMCXV-J-C-XX-ST-CA1 (SEE SHEET 9)	* MMCXV-J-C-XX-ST-CA2 (SEE SHEET 9)	* MMCXV-J-C-XX-ST-CS5 (SEE SHEET 9)
-V3SPX	MMCXV-P-C-XX-ST-CA1 (SEE SHEET 9)	* MMCXV-P-C-XX-ST-CA2 (SEE SHEET 9)	* MMCXV-P-C-XX-ST-CS5 (SEE SHEET 9)
-V3RPX	MMCXV-P-C-XX-RA-CA1 (SEE SHEET 9)	* MMCXV-P-C-XX-RA-CA2 (SEE SHEET 9)	* MMCXV-P-C-XX-RA-CS5 (SEE SHEET 9)

GRF7H-: GRF 75 OHM CABLE

STYLE	-CA3
-72SPX	MCX7-P-C-XX-ST-CA3 (SEE SHEET 10)
-72RPX	MCX7-P-C-XX-RA-CA3 (SEE SHEET 10)
-73RP	N/A
-74SPX	BNC7T-P-C-XX-ST-CA3 (SEE SHEET 10)
-74BJX	BNC7T-J-C-XX-ST-BH3 (SEE SHEET 10)
-D4SPX	BNC7T-P-C-XX-ST-CA3D (SEE SHEET 10)
-77SPX	SMB7H-P-C-XX-ST-CA3 (SEE SHEET 11)
-77RPX	SMB7H-P-C-XX-RA-CA3 (SEE SHEET 11)
-78SPX	DIN7A-PP-C-XX-ST-CA3 (SEE SHEET 11)
-79SPX	MBNC7-P-C-XX-ST-CA3 (SEE SHEET 11)
-79RPX	MBNC7-P-C-XX-RA-CA3 (SEE SHEET 11)
-73SPX	MMCX7-P-C-XX-ST-CA3 (SEE SHEET 11)
-73RPX	MMCX7-P-C-XX-RA-CA3 (SEE SHEET 12)
-73SJX	MMCX7-J-C-XX-ST-CA3 (SEE SHEET 12)

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DESCRIPTION:
 CABLE ASSEMBLY, GRF1 & GRF7 HYBRID

DWG. NO.
 GRFXH-X-XXXX-X-XXX-X-XXXXX

BY: ALVIN W 11/13/2012 SHEET 4 OF 12

REVISION E

-00SJ
(STRAIGHT JACK)

(USE DRAWING No. SMP-J-C-XX-ST-CS5 FOR ASSEMBLY INSTRUCTIONS)



PLATING OPTIONS

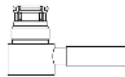
7: 10µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: SMP-J-C-GF-ST-CS5)

9: 30µ" MIN. GOLD CENTER CONTACT
10µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: SMP-J-C-HG-ST-CS5)

NOTE: ALL CRITICAL DIMENSIONS ON SMP-J-C-XX-ST-CS5 THAT APPLY MUST BE VERIFIED.

-00RJ
(RIGHT ANGLE JACK)

(USE DRAWING No. SMP-J-C-XX-RA-CS5 FOR ASSEMBLY INSTRUCTIONS)



PLATING OPTIONS

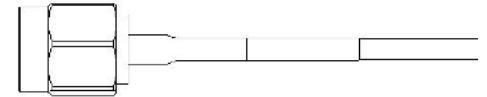
7: 10µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: SMP-J-C-GF-RA-CS5)

9: 30µ" MIN. GOLD CENTER CONTACT
10µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: SMP-J-C-HG-RA-CS5)

NOTE: ALL CRITICAL DIMENSIONS ON SMP-J-C-XX-RA-CS5 THAT APPLY MUST BE VERIFIED.

-01SP
(STRAIGHT PLUG)

(USE DRAWING No. SMA-P-C-X-ST-CA1 OR: SMA-P-C-X-ST-CS5 FOR ASSEMBLY INSTRUCTIONS)



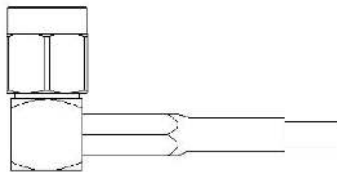
PLATING

1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: SMA-P-C-H-ST-CA1 OR: SMA-P-C-H-ST-CS5)

NOTE: ALL CRITICAL DIMENSIONS ON SMA-P-C-X-ST-CA1 OR: SMA-P-C-X-ST-CS5 THAT APPLY MUST BE VERIFIED.

-01RP
(RIGHT ANGLE PLUG)

(USE DRAWING No. SMA-P-C-X-RA-CA1 FOR ASSEMBLY INSTRUCTIONS)



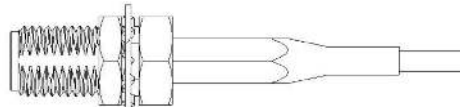
PLATING

1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: SMA-P-C-H-RA-CA1)

NOTE: ALL CRITICAL DIMENSIONS ON SMA-P-C-X-RA-CA1 THAT APPLY MUST BE VERIFIED.

-01BJ
(STRAIGHT BULKHEAD JACK)

(USE DRAWING No. SMA-J-C-X-ST-BH1 OR: SMA-J-C-X-ST-BH2 OR: SMA-J-C-X-ST-BS5 FOR ASSEMBLY INSTRUCTIONS)



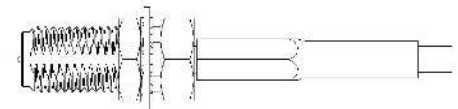
PLATING

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-BH1 OR: SMA-J-C-H-ST-BH2, OR: SMA-J-C-H-ST-BS5)

NOTE: ALL CRITICAL DIMENSIONS ON SMA-J-C-X-ST-BH1 OR: SMA-J-C-X-ST-BH2, OR: SMA-J-C-X-ST-BS5 THAT APPLY MUST BE VERIFIED.

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

(USE DRAWING No. SMA-J-C-X-ST-BR1 OR: 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-BR1 OR: SMA-J-C-H-ST-BR2)

NOTE: ALL CRITICAL DIMENSIONS ON SMA-J-C-X-ST-BR1 OR: SMA-J-C-X-ST-BR2 THAT APPLY MUST BE VERIFIED.

F:\DWG\MISC\MKTG\GRFXH-X-XXXX-X-XXX-X-XXXX-MKT.SLDDRW

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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:
CABLE ASSEMBLY, GRF1 & GRF7 HYBRID

DWG. NO.
GRFXH-X-XXXX-X-XXX-X-XXXX

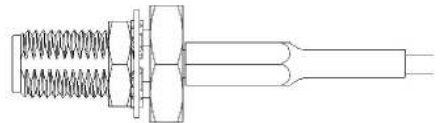
BY:ALVIN W 11/13/2012 SHEET 5 OF 12

REVISION E

-01SB

(SEALED STRAIGHT BULKHEAD JACK)

(USE DRAWING No. SMA-J-C-X-ST-SB1
OR: SMA-J-C-H-ST-SB2
FOR ASSEMBLY INSTRUCTIONS)



PLATING

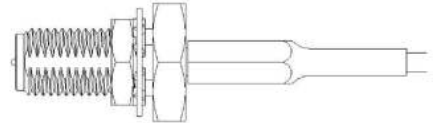
1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: SMA-J-C-H-ST-SB1
OR: SMA-J-C-H-ST-SB2)

NOTE: ALL CRITICAL DIMENSIONS ON SMA-J-C-X-ST-SB1
OR: SMA-J-C-H-ST-SB2 THAT APPLY MUST BE VERIFIED.

-01SR (REVERSED POLARITY)

(SEALED STRAIGHT BULKHEAD JACK)

(USE DRAWING No. SMA-J-C-X-ST-SR1
OR: MA-J-C-X-ST-SR2
FOR ASSEMBLY INSTRUCTIONS)



PLATING

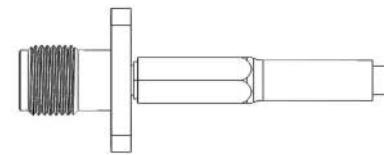
1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: SMA-J-C-H-ST-SR1
OR: MA-J-C-H-ST-SR2)

NOTE: ALL CRITICAL DIMENSIONS ON SMA-J-C-X-ST-SR1
OR: MA-J-C-X-ST-SR2 THAT APPLY MUST BE VERIFIED.

-01PN

(STRAIGHT PANEL MOUNT JACK)

(USE DRAWING No. SMA-J-C4-XX-ST-PN1
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-C4-H-ST-PN1)

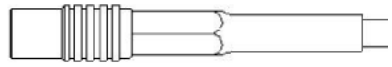
7: 10µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: SMA-J-C4-GF-ST-PN1)

NOTE: ALL CRITICAL DIMENSIONS ON SMA-J-C4-XX-ST-PN1
THAT APPLY MUST BE VERIFIED.

-02SJ

(STRAIGHT JACK)

(USE DRAWING No. MCX-J-C-X-ST-CA1
OR: MCX-J-C-X-ST-CA2
FOR ASSEMBLY INSTRUCTIONS)



PLATING

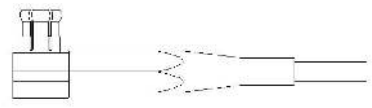
1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: MCX-J-C-H-ST-CA1
OR: MCX-J-C-H-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON MCX-J-C-X-ST-CA1
OR: MCX-J-C-X-ST-CA2 THAT APPLY MUST BE VERIFIED.

-02RP

(RIGHT ANGLE PLUG)

(USE DRAWING No. MCX-P-C-XX-RA-CA1
OR: 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-CA1
OR: 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-CA1
OR: MCX-P-C-HN-RA-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON MCX-P-C-XX-RA-CA1
OR: MCX-P-C-XX-RA-CA2 THAT APPLY MUST BE VERIFIED.

F:\DWG\MISC\MKTG\GRFXH-X-XXXX-X-XXX-X-XXXX-MKT.SLDDRW

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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
CABLE ASSEMBLY, GRF1 & GRF7 HYBRID

DWG. NO.
GRFXH-X-XXXX-X-XXX-X-XXXX

BY: ALVIN W 11/13/2012 SHEET 6 OF 12

REVISION E

-02SP
(STRAIGHT PLUG)

(USE DRAWING No. MCX-P-C-XX-ST-CA1
OR: 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-CA1
OR: 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-CA1
OR: MCX-P-C-HN-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON MCX-P-C-XX-ST-CA1
OR: MCX-P-C-XX-ST-CA2 THAT APPLY MUST BE VERIFIED.

-03SP
(STRAIGHT PLUG)

(USE DRAWING No. MMCX-P-C-XX-ST-CA1
OR: MMCX-P-C-XX-ST-CA2
FOR ASSEMBLY INSTRUCTIONS)



PLATING OPTIONS

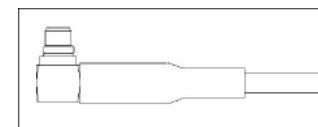
1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: MMCX-P-C-H-ST-CA1
OR: MMCX-P-C-H-ST-CA2)

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-CA1
OR: MMCX-P-C-HN-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON MMCX-P-C-XX-ST-CA1
OR: MMCX-P-C-XX-ST-CA2 THAT APPLY MUST BE VERIFIED.

-03RP
(RIGHT ANGLE PLUG)

(USE DRAWING No. MMCX-P-C-X-RA-CA1
OR: MMCX-P-C-X-RA-CA2
FOR ASSEMBLY INSTRUCTIONS)



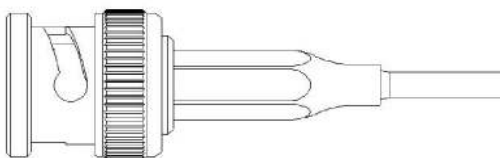
PLATING

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-CA1
OR: MMCX-P-C-H-RA-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON MMCX-P-C-X-RA-CA1
OR: MMCX-P-C-X-RA-CA2 THAT APPLY MUST BE VERIFIED.

-04SP
(STRAIGHT PLUG)

(USE DRAWING No. BNC5-P-C-XX-ST-CA1
OR: BNC5-P-C-XX-ST-CA2
FOR ASSEMBLY INSTRUCTIONS)



PLATING OPTIONS

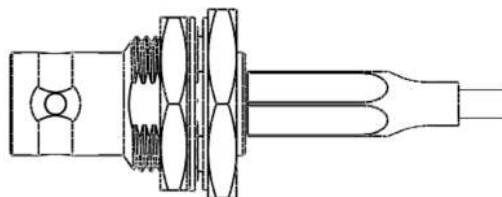
2: 30µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: BNC5-P-C-HN-ST-CA1
OR: BNC5-P-C-HN-ST-CA2)

3: 10µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: BNC5-P-C-GN-ST-CA1
OR: BNC5-P-C-GN-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON BNC5-P-C-XX-ST-CA1
BNC5-P-C-XX-ST-CA2 THAT APPLY MUST BE VERIFIED.

-04BJ
(STRAIGHT BULKHEAD JACK)
(SEE NOTE 17)

(USE DRAWING No. BNC5-J-C-XX-ST-BH1
OR: BNC5-J-C-XX-ST-BH2
FOR ASSEMBLY INSTRUCTIONS)



PLATING OPTIONS

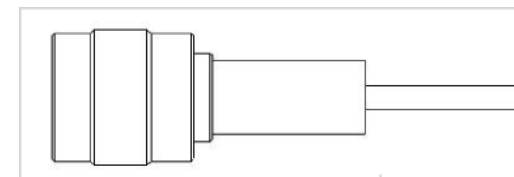
2: 30µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: BNC5-J-C-HN-ST-BH1
OR: BNC5-J-C-HN-ST-BH2)

3: 10µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: BNC5-J-C-GN-ST-BH1
OR: BNC5-J-C-GN-ST-BH2)

NOTE: ALL CRITICAL DIMENSIONS ON BNC5-J-C-XX-ST-BH1
OR: BNC5-J-C-XX-ST-BH2 THAT APPLY MUST BE VERIFIED.

-05SP
(STRAIGHT PLUG)

(USE DRAWING No. TNC-P-C-XX-ST-CA1
OR: TNC-P-C-XX-ST-CA2
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: TNC-P-C-GN-ST-CA1
OR: TNC-P-C-GN-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON TNC-P-C-XX-ST-CA1
OR: TNC-P-C-XX-ST-CA2 THAT APPLY MUST BE VERIFIED.

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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
CABLE ASSEMBLY, GRF1 & GRF7 HYBRID

DWG. NO.
GRFXH-X-XXXX-X-XXX-X-XXXX

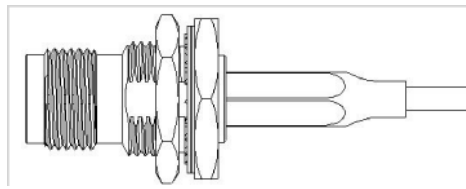
BY ALVIN W 11/13/2012 SHEET 7 OF 12

REVISION E

-05BJ

(STRAIGHT BULKHEAD JACK)

(USE DRAWING No. TNC-J-C-XX-ST-BH1
OR: TNC-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: TNC-J-C-HN-ST-BH1
OR: TNC-J-C-HN-ST-BH2)

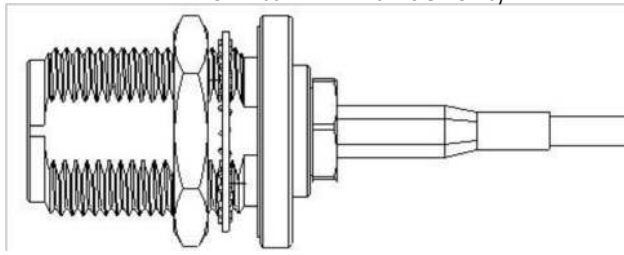
3: 10µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: TNC-J-C-GN-ST-BH1
OR: TNC-J-C-GN-ST-BH2)

NOTE: ALL CRITICAL DIMENSIONS ON TNC-J-C-XX-ST-BH1
OR: TNC-J-C-XX-ST-BH2 THAT APPLY MUST BE VERIFIED.

-06BJ

(STRAIGHT BULKHEAD JACK)

(USE DRAWING No. NTPE-J-C-XX-ST-BH1
OR: 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-BH1
OR: NTPE-J-C-HN-ST-BH2)

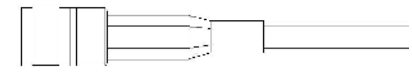
3: 10µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: NTPE-J-C-GN-ST-BH1
OR: NTPE-J-C-GN-ST-BH2)

NOTE: ALL CRITICAL DIMENSIONS ON NTPE-J-C-XX-ST-BH1
OR: NTPE-J-C-XX-ST-BH2 THAT APPLY MUST BE VERIFIED.

-07SP

(STRAIGHT PLUG)

(USE DRAWING No. SMB5-P-C-XX-ST-CA1
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: SMB5-P-C-H-ST-CA1)

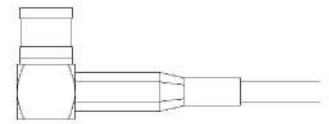
2: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: SMB5-P-C-HN-ST-CA1)

NOTE: ALL CRITICAL DIMENSIONS ON SMB5-P-C-XX-ST-CA1
THAT APPLY MUST BE VERIFIED.

-07RP

(RIGHT ANGLE PLUG)

(USE DRAWING No. SMB5-P-C-XX-RA-CA1
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: SMB5-P-C-H-RA-CA1)

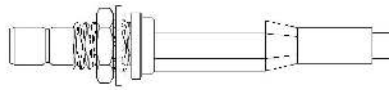
2: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: SMB5-P-C-HN-RA-CA1)

NOTE: ALL CRITICAL DIMENSIONS ON SMB5-P-C-XX-RA-CA1
THAT APPLY MUST BE VERIFIED.

-07BJ

(STRAIGHT BULKHEAD JACK)

(USE DRAWING No. SMB5-J-C-X-ST-BH1
OR: SMB5-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: SMB5-J-C-H-ST-BH1
OR: SMB5-J-C-H-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON SMB5-J-C-X-ST-BH1
OR: SMB5-J-C-X-ST-CA2 THAT APPLY MUST BE VERIFIED.

-13GP

(STRAIGHT PLUG)

(USE DRAWING No. GRFS-P-C-X-ST-CA1
OR: GRFS-P-C-X-ST-CA2
FOR ASSEMBLY INSTRUCTIONS)
(316 OPTION ONLY)



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-CA1
OR: GRFS-P-C-H-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON GRFS-P-C-X-ST-CA1
OR: GRFS-P-C-X-ST-CA2 THAT APPLY MUST BE VERIFIED.

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SHEET SCALE: 1:1



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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
CABLE ASSEMBLY, GRF1 & GRF7 HYBRID

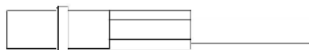
DWG. NO.
GRFXH-X-XXXX-X-XXX-X-XXXXX

BY: ALVIN W 11/13/2012 SHEET 8 OF 12

REVISION E

-13GJ
(STRAIGHT JACK)

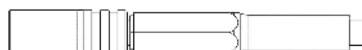
(USE DRAWING No. GRFS-J-C-X-ST-CA1
FOR ASSEMBLY INSTRUCTIONS)
(316 OPTION ONLY)



PLATING

1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: GRFS-J-C-H-ST-CA1)

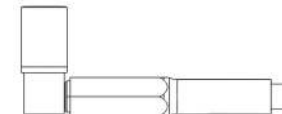
NOTE: ALL CRITICAL DIMENSIONS ON GRFS-J-C-X-ST-CA1
THAT APPLY MUST BE VERIFIED.



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-CA1
OR: SSMB-P-C-GF-ST-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON SSMB-P-C-XX-ST-CA1
OR: SSMB-P-C-XX-ST-CA2 THAT APPLY MUST BE VERIFIED.



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-CA1
OR: SSMB-P-C-GF-RA-CA2)

NOTE: ALL CRITICAL DIMENSIONS ON SSMB-P-C-XX-RA-CA1
OR: SSMB-P-C-XX-RA-CA2 THAT APPLY MUST BE VERIFIED.

-V3SJ

(STRAIGHT JACK)

(USE DRAWING No. MMCXV-J-C-XX-ST-CA1
OR: MMCXV-J-C-XX-ST-CA2
OR: MMCXV-J-C-XX-ST-CS5
FOR ASSEMBLY INSTRUCTIONS)



PLATING

1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MMCXV-J-C-HF-ST-CA1
OR: MMCXV-J-C-HF-ST-CA2, OR: MMCXV-J-C-HF-ST-CS5)

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-CA1
OR: MMCXV-J-C-GF-ST-CA2, OR: MMCXV-J-C-GF-ST-CS5)

NOTE: ALL CRITICAL DIMENSIONS ON MMCXV-J-C-XX-ST-CA1
OR: MMCXV-J-C-XX-ST-CA2, OR: MMCXV-J-C-XX-ST-CS5
THAT APPLY MUST BE VERIFIED.

-V3SP

(STRAIGHT PLUG)

(USE DRAWING No. MMCXV-P-C-XX-ST-CA1
OR: MMCXV-P-C-XX-ST-CA2
OR: MMCXV-P-C-XX-ST-CS5
FOR ASSEMBLY INSTRUCTIONS)



PLATING

1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MMCXV-P-C-HF-ST-CA1
OR: MMCXV-P-C-HF-ST-CA2, OR: MMCXV-P-C-HF-ST-CS5)

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-CA1
OR: MMCXV-P-C-GF-ST-CA2, OR: MMCXV-P-C-GF-ST-CS5)

NOTE: ALL CRITICAL DIMENSIONS ON MMCXV-P-C-XX-ST-CA1
OR: MMCXV-P-C-XX-ST-CA2, OR: MMCXV-P-C-XX-ST-CS5
THAT APPLY MUST BE VERIFIED.

-V3RP

(RIGHT ANGLE PLUG)

(USE DRAWING No. MMCXV-P-C-XX-RA-CA1
OR: MMCXV-P-C-XX-RA-CA2
OR: MMCXV-P-C-XX-RA-CS5
FOR ASSEMBLY INSTRUCTIONS)



PLATING

1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MMCXV-P-C-HF-RA-CA1
OR: MMCXV-P-C-HF-RA-CA2, OR: MMCXV-P-C-HF-RA-CS5)

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-CA1
OR: MMCXV-P-C-GF-RA-CA2, OR: MMCXV-P-C-GF-RA-CS5)

NOTE: ALL CRITICAL DIMENSIONS ON MMCXV-P-C-XX-RA-CA1
OR: MMCXV-P-C-XX-RA-CA2, OR: MMCXV-P-C-XX-RA-CS5
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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
CABLE ASSEMBLY, GRF1 & GRF7 HYBRID

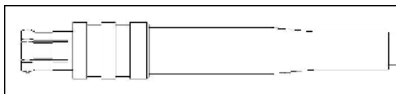
DWG. NO.
GRFXH-X-XXXX-X-XXX-X-XXXX

BY: ALVIN W 11/13/2012 SHEET 9 OF 12

REVISION E

-72SP
(STRAIGHT PLUG)

(USE DRAWING No. MCX7-P-C-XX-ST-CA3
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: MCX7-P-C-H-ST-CA3)
- 2: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MCX7-P-C-HN-ST-CA3)

NOTE: ALL CRITICAL DIMENSIONS ON MCX7-P-C-XX-ST-CA3
THAT APPLY MUST BE VERIFIED.

-72RP
(RIGHT ANGLE PLUG)

(USE DRAWING No. MCX7-P-C-XX-RA-CA3
FOR ASSEMBLY INSTRUCTIONS)



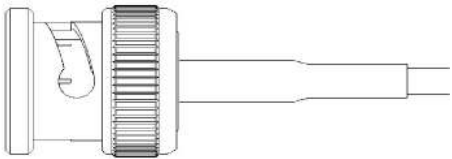
PLATING OPTIONS

- 1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: MCX7-P-C-H-RA-CA3)
- 2: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MCX7-P-C-HN-RA-CA3)

NOTE: ALL CRITICAL DIMENSIONS ON MCX7-P-C-XX-RA-CA3
THAT APPLY MUST BE VERIFIED.

-74SP
(STRAIGHT PLUG)

(USE DRAWING No. BNC7T-P-C-XX-ST-CA3
FOR ASSEMBLY INSTRUCTIONS)



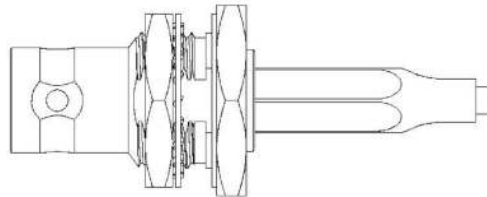
PLATING

- 3: 10µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: BNC7T-P-C-GN-ST-CA3)

NOTE: ALL CRITICAL DIMENSIONS ON BNC7T-P-C-XX-ST-CA3
THAT APPLY MUST BE VERIFIED.

-74BJ
(STRAIGHT BULKHEAD JACK)

(USE DRAWING No. BNC7T-J-C-XX-ST-BH3
FOR ASSEMBLY INSTRUCTIONS)



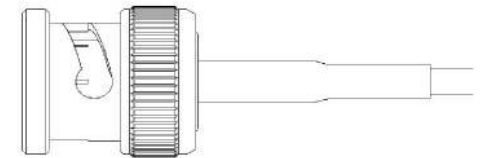
PLATING OPTIONS

- 2: 30µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: BNC7T-J-C-HN-ST-BH3)
- 3: 10µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: BNC7T-J-C-GN-ST-BH3)

NOTE: ALL CRITICAL DIMENSIONS ON BNC7T-J-C-XX-ST-BH3
THAT APPLY MUST BE VERIFIED.

-D4SP
(DIE CAST STRAIGHT PLUG)

(USE DRAWING No. BNC7T-P-C-XX-ST-CA3D
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-GN-ST-CA3D)

NOTE: ALL CRITICAL DIMENSIONS ON BNC7T-P-C-XX-ST-CA3D
THAT APPLY MUST BE VERIFIED.

F:\DWG\MISC\MKTG\GRFXH-X-XXXX-X-XXX-X-XXXX-MKT.SLDDRW

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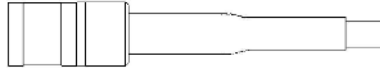
DESCRIPTION:
CABLE ASSEMBLY, GRF1 & GRF7 HYBRID

DWG. NO.
GRFXH-X-XXXX-X-XXX-X-XXXX

BY: ALVIN W 11/13/2012 SHEET 10 OF 12

-77SP
(STRAIGHT PLUG)

(USE DRAWING No. SMB7H-P-C-XX-ST-CA3 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: SMB7H-P-C-H-ST-CA3)
- 2: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: SMB7H-P-C-HN-ST-CA3)

NOTE: ALL CRITICAL DIMENSIONS ON SMB7H-P-C-XX-ST-CA3 THAT APPLY MUST BE VERIFIED.

-77RP
(RIGHT ANGLE PLUG)

(USE DRAWING No. SMB7H-P-C-XX-RA-CA3 FOR ASSEMBLY INSTRUCTIONS)



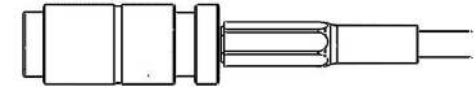
PLATING OPTIONS

- 1: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
3µ" MIN. GOLD REMAINING METAL PARTS
(END CONNECTOR P/N: SMB7H-P-C-H-RA-CA3)
- 2: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: SMB7H-P-C-HN-RA-CA3)

NOTE: ALL CRITICAL DIMENSIONS ON SMB7H-P-C-XX-RA-CA3 THAT APPLY MUST BE VERIFIED.

-78SP
(STRAIGHT PLUG)

(USE DRAWING No. DIN7A-PP-C-XX-ST-CA3 FOR ASSEMBLY INSTRUCTIONS)



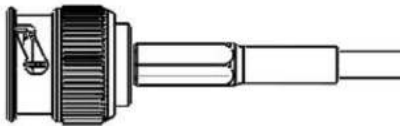
PLATING

- 4: 10µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: DIN7A-PP-C-GF-ST-CA3)
- 5: 10µ" MIN. GOLD CENTER CONTACT
10µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: DIN7A-PP-C-GG-ST-CA3)
- 6: 30µ" MIN. GOLD CENTER CONTACT
30µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: DIN7A-PP-C-HH-ST-CA3)
- 8: 30µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: DIN7A-PP-C-HF-ST-CA3)

NOTE: ALL CRITICAL DIMENSIONS ON DIN7A-PP-C-XX-ST-CA3 THAT APPLY MUST BE VERIFIED.

-79SP
(STRAIGHT PLUG)

(USE DRAWING No. MBNC7-P-C-XX-ST-CA3 FOR ASSEMBLY INSTRUCTIONS)



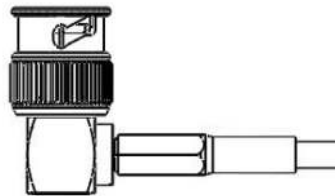
PLATING

- 2: 30µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MBNC7-P-C-HN-ST-CA3)
- 3: 10µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MBNC7-P-C-GN-ST-CA3)

NOTE: ALL CRITICAL DIMENSIONS ON MBNC7-P-C-XX-ST-CA3 THAT APPLY MUST BE VERIFIED.

-79RP
(RIGHT ANGLE)

(USE DRAWING No. MBNC7-P-C-XX-RA-CA3 FOR ASSEMBLY INSTRUCTIONS)



PLATING

- 2: 30µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MBNC7-P-C-HN-RA-CA3)
- 3: 10µ" MIN. GOLD CENTER CONTACT
100µ" MIN. NICKEL OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MBNC7-P-C-GN-RA-CA3)

NOTE: ALL CRITICAL DIMENSIONS ON MBNC7-P-C-XX-RA-CA3 THAT APPLY MUST BE VERIFIED.

-73SP
(STRAIGHT PLUG)

(USE DRAWING No. MMCX7-P-C-XX-ST-CA3 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: MMCX7-P-C-HF-ST-CA3)
- 4: 10µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MMCX7-P-C-GF-ST-CA3)

NOTE: ALL CRITICAL DIMENSIONS ON MMCX7-P-C-XX-ST-CA3 THAT APPLY MUST BE VERIFIED.

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DESCRIPTION:
CABLE ASSEMBLY, GRF1 & GRF7 HYBRID

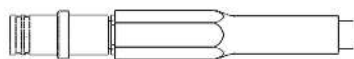
DWG. NO.
GRFXH-X-XXXX-X-XXX-X-XXXX

BY: ALVIN W 11/13/2012 SHEET 11 OF 12

REVISION E

-73SJ
(STRAIGHT JACK)

(USE DRAWING No. MMCX7-J-C-XX-ST-CA3
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: MMCX7-J-C-HF-ST-CA3)

4: 10µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MMCX7-J-C-GF-ST-CA3)

NOTE: ALL CRITICAL DIMENSIONS ON MMCX7-J-C-XX-ST-CA3
THAT APPLY MUST BE VERIFIED.

-73RP
(RIGHT ANGLE PLUG)

(USE DRAWING No. MMCX7-P-C-XX-RA-CA3
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: MMCX7-P-C-HF-RA-CA3)

4: 10µ" MIN. GOLD CENTER CONTACT
3µ" MIN. GOLD OUTER CONTACT
100µ" MIN. NICKEL REMAINING METAL PARTS
(END CONNECTOR P/N: MMCX7-P-C-GF-RA-CA3)

NOTE: ALL CRITICAL DIMENSIONS ON MMCX7-P-C-XX-RA-CA3
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DESCRIPTION:
CABLE ASSEMBLY, GRF1 & GRF7 HYBRID

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