

**DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]**

DO NOT
SCALE FROM
THIS PRINT

GRFX-P-C-XX-XXXX-XXX-X-X-XX

SERIES

GRF1-: GRF 50 OHM CONNECTORS
GRF7-: GRF 75 OHM CONNECTORS
(SEE SHT 2, TABLE 2)

GENDER

-P: PLUG

CABLE

-C: CABLE

No OF POSITIONS
-02,-04, -06, -08

LENGTH

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

PLATING

BLANK: 30μ" GOLD CENTER CONTACT
3μ" GOLD OUTER CONTACT
-GF: 10μ" GOLD CENTER CONTACT
3μ" GOLD OUTER CONTACT
100μ" NICKEL REMAINING PARTS
(SEE SHT 2, TABLE 3)

SCREW OPTION

-S: CAPTIVE PANEL SCREWS
BLANK: NO SCREWS

END OPTION

-S: SINGLE (SEE NOTE 5)
-D: DOUBLE

TERMINATION

-C1: USE CCA-316 COAX CABLE
* -CA2: USE CCA-178 COAX CABLE
-CA3: USE CCA-179 COAX CABLE
* -C12: USE TCF-3075F-01-COAX CABLE
* -CS5: USE MWC-2550-01-COAX CABLE
(SEE SHT 2, TABLE 4)

*NOT RELEASED FOR PRODUCTION.

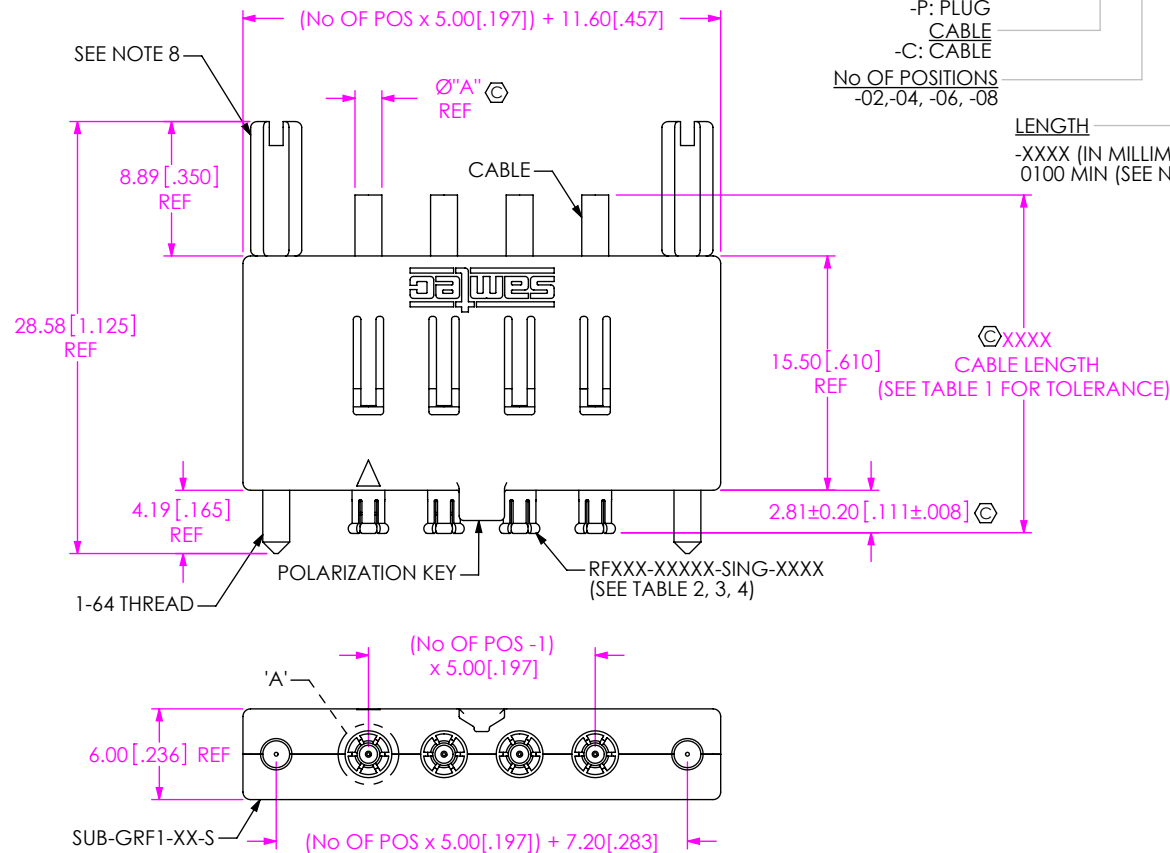
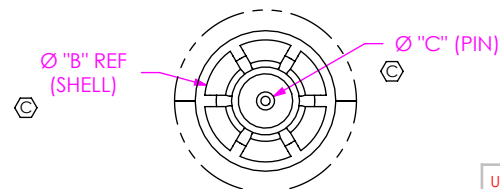


FIG 1
GRFX-P-C-04-XXXX-CXX-S-S-XX SHOWN



DETAIL 'A'
SCALE 6 : 1

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. USE REMOVAL TOOL #CAT-EX-GRF1-01 TO REMOVE CABLES FROM ASSEMBLY.
3. MINIMUM PULL OUT FORCE: 5 LBS.
4. CABLE LENGTHS LONGER THAN 1000 MILLIMETERS ARE NOT SUPPORTED BY S.I. TEST DATA.
5. SINGLE ENDED ASSEMBLIES BLUNT CUT/NON PREPPED ON CUT END.
6. ASSEMBLY TO BE 100% TESTED FOR OPENS & SHORTS.
7. ASSEMBLY TO BE 100% HI-POT TESTED PER TABLE 1.
8. RECOMMENDED TORQUE ON MOUNTING SCREWS: 2-4 IN-OZ.

TABLE 1 (IN MILLIMETERS)

LENGTH	TOLERANCE
0000-0050 [0-1.96]	1.0 [.040]
0050-0200 [1.96-7.87]	3.0 [.118]
0200-0500 [7.87-19.69]	5.0 [.197]
0500-1100 [19.69-43.30]	10.0 [.394]

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

DECIMALS ANGLES
.X: ±0.3 [.01] 5°
.XX: ±0.13 [.005]
.XXX: ±0.051 [.0020]

MATERIAL:

DO NOT SCALE DRAWING
COVERS: POLYCARBONATE
PLUG: SHELL: BeCu, CONTACT: BRASS
CABLE: -C1: RG316
-CA2: RF178
-CA3: RG179
-C12: TCF-3075F-01-01
-CS5: MWC-2550-01

PROPRIETARY NOTE

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SHEET SCALE: 2:1

samtec

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

DESCRIPTION:
RF GANGED CABLE JACK ASSEMBLY

DWG. NO.
GRFX-P-C-XX-XXXX-XXX-X-X-XX

BY: D PURVIS 9/15/2004 SHEET 1 OF 3

FIG 3
GRFX-P-C-04-XXXX-CXX-D SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]

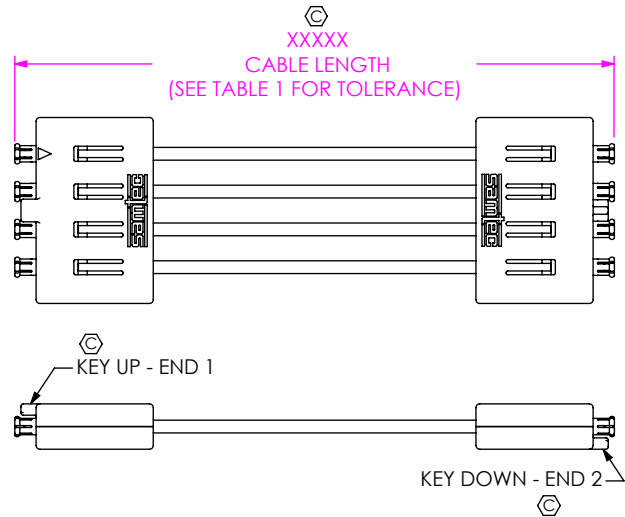


FIG 4
GRFX-P-C-04-XXXX-CXX-D-S SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3]

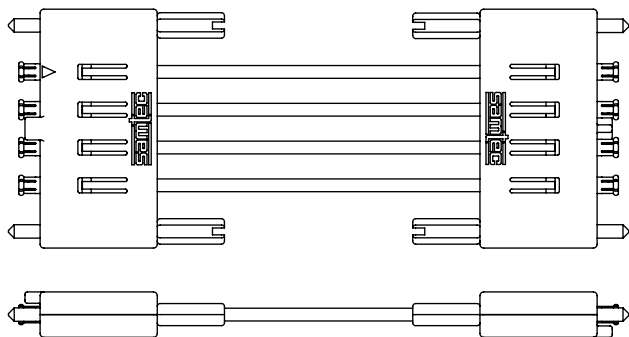


FIG 2
GRFX-P-C-04-XXXX-CXX-S SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]

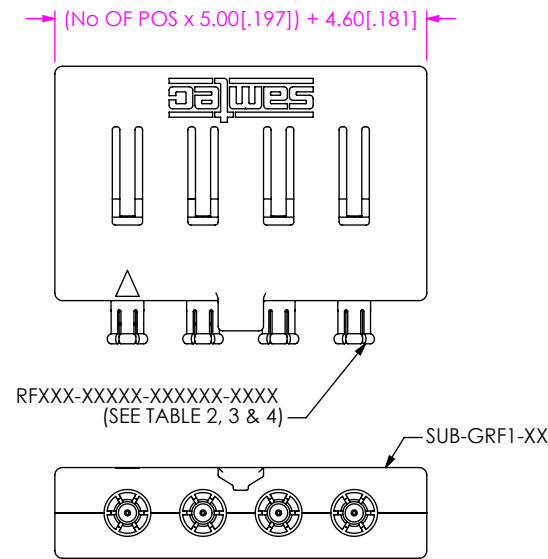


TABLE 2				
SERIES	"A"	"B"	"C"	RFXXX-13GPX-XXXXX-XXXX
GRF1-	2.53 [0.100]	2.70 [0.106]	0.40 [0.016]	RF316-13GPX-XXXXX-XXXX
	1.80 [0.071]			* RF178-13GPX-XXXXX-XXXX
	2.06 [0.081]			* RF25S-V3SPX-XXXXX-XXXX
GRF7-	2.54 [0.100]	2.60 [0.102]	0.32 [0.013]	RF179-73SPX-XXXXX-XXXX
	2.16 [0.085]			* RF30S-7GSPX-XXXXX-XXXX

*NOT RELEASED FOR PRODUCTION.

TABLE 3 (PLATING, SEE NOTE 5)		
SERIES	BLANK	-GF
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
	* RF30S-7GSP1-XXXXX-XXXX	*RF30S-7GSP4-XXXXX-XXXX

TABLE 4 (TERMINATION)					
SERIES	-C1	-CA2	-CA3	-C12	-CS5
GRF1-	RF316-13GPX-XXXXX-XXXX	* RF178-13GPX-XXXXX-XXXX	N/A	N/A	* RF25S-V3SPX-XXXXX-XXXX
GRF7-	N/A	N/A	RF179-73SPX-XXXXX-XXXX	RF30S-7GSPX-XXXXX-XXXX	N/A

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

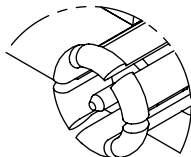
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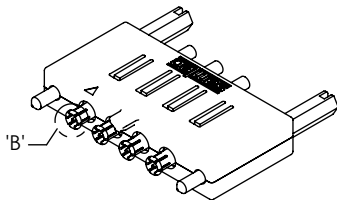
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RF GANGED CABLE JACK ASSEMBLY

DWG. NO.
GRFX-P-C-XX-XXXX-XXX-X-X-XX

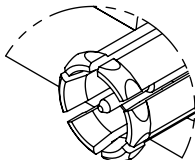
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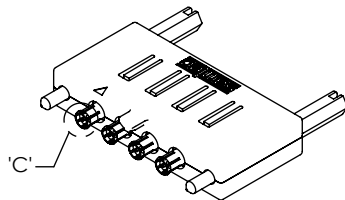
DETAIL 'B'
SCALE 6 : 1



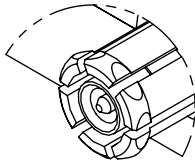
GRF1-P-C-04-XXXX-CXX-S-S-XX



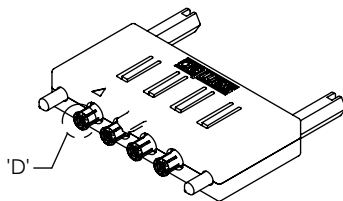
DETAIL 'C'
SCALE 6 : 1



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



DETAIL 'D'
SCALE 6 : 1



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

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