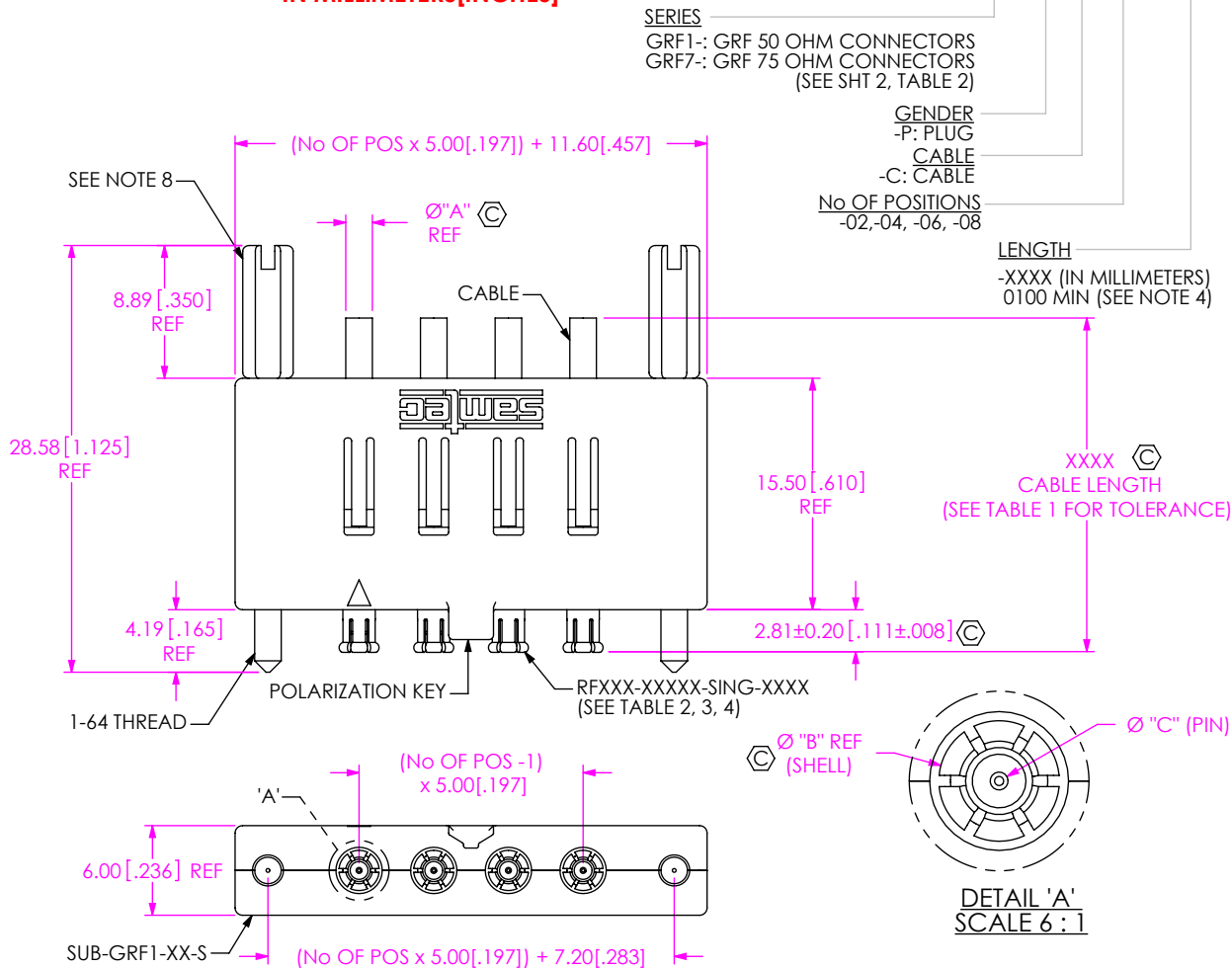


DO NOT SCALE FROM THIS PRINT

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

**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  
 -C: CABLE

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

**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.

CABLE STYLE	CABLE CUT LGTH	HI-POT
-13GPX	5.1 [0.20]	1000
-V3SPX	5.7 [0.22]	1000
-73SPX	5.5 [0.22]	1000
-7GSPX	5.5 [0.22]	1000

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

NOTES:

- ⑥ 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.
- SINGLE ENDED ASSEMBLIES BLUNT CUT/NON PREPPED ON CUT END.
- ⑥ ASSEMBLY TO BE 100% TESTED FOR OPENS & SHORTS.
- ASSEMBLY TO BE 100% HI-POT TESTED PER TABLE 1.
- RECOMMENDED TORQUE ON MOUNTING SCREWS: 2-4 IN-OZ.
- FOR HEAT SHRINK PROCESS, PLEASE REFER TO THE SUB PRINT GRFS-P-C-X-ST-CA1 FOR MORE DETAILS.

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
	2.06 [0.081]	*RF25S-V3SPX-XXXX-XXXX		
GRF7-	2.54 [0.100]	2.60 [0.102]	0.32 [0.013]	RF179-73SPX-XXXX-XXXX
	2.16 [0.085]			*RF30S-7GSPX-XXXX-XXXX

\*NOT RELEASED FOR PRODUCTION

**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.**

TOLERANCES ARE:  
 DECIMALS ANGLES  
 .X:  $\pm 0.3 [0.1]$  5°  
 .XX:  $\pm 0.13 [0.05]$   
 .XXX:  $\pm 0.051 [0.020]$

**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 2:1  
 COVERS: POLYCARBONATE  
 PLUG: SHELL: BeCu, CONTACT: BRASS  
 CABLE: -C1: RG316  
 -CA2: RF178  
 -CA3: RG179  
 -C12: TCF-3075F-01-01  
 -CS5: MWC-2550-01

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 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

LENGTH	TOLERANCE
0000-0050 [0-1.96]	1.0 [0.040]
0050-0200 [1.96-7.87]	3.0 [0.118]
0200-0500 [7.87-19.69]	5.0 [0.197]
0500-1100 [19.69-43.30]	10.0 [0.394]
>1100[43.30]	±1%

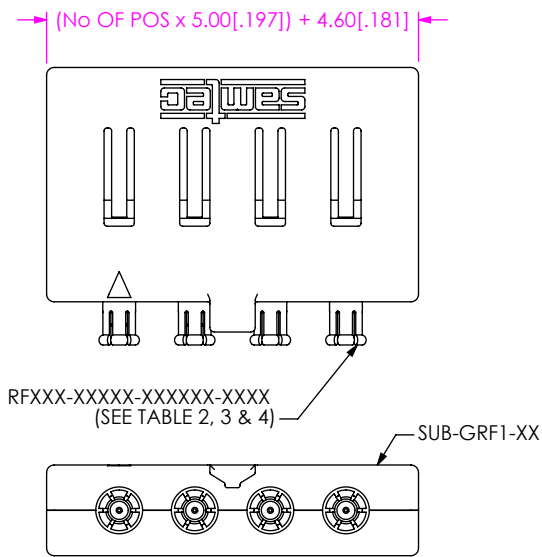


FIG 2  
GRFX-P-C-04-XXXX-CXX-S SHOWN  
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]

TABLE 3 (PLATING, SEE NOTE 5)		
SERIES	BLANK	-GF
GRF1-	RF316-13GP1-XXXX-XXXX	N/A
	RF178-13GP1-XXXX-XXXX	N/A
	RF25S-V3SP1-XXXX-XXXX	*RF25S-V3SP4-XXXX-XXXX
GRF7-	RF179-73SP1-XXXX-XXXX	RF179-73SP4-XXXX-XXXX
	RF30S-7GSP1-XXXX-XXXX	*RF30S-7GSP4-XXXX-XXXX
*NOT RELEASED FOR PRODUCTION		

TABLE 4 (TERMINATION)					
SERIES	-C1	-CA2	-CA3	-C12	-CS5
GRF1-	RF316-13GPX-XXXX-XXXX	*RF178-13GPX-XXXX-XXXX	N/A	N/A	*RF25S-V3SPX-XXXX-XXXX
GRF7-	N/A	N/A	RF179-73SPX-XXXX-XXXX	*RF30S-7GSPX-XXXX-XXXX	N/A
*NOT RELEASED FOR PRODUCTION					

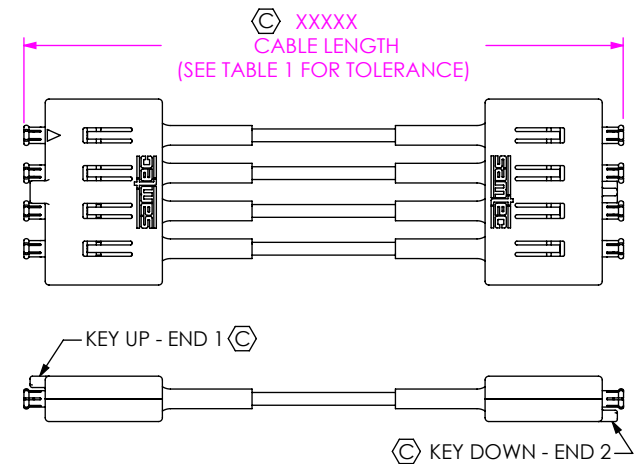


FIG 3  
GRFX-P-C-04-XXXX-CXX-D SHOWN  
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]

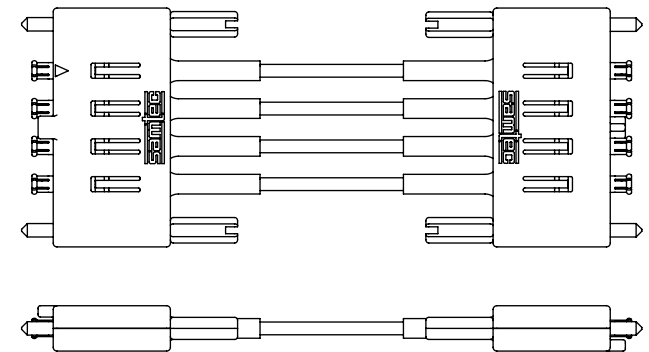


FIG 4  
GRFX-P-C-04-XXXX-CXX-D-S SHOWN  
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3]

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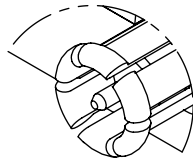
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SHEET SCALE: 2:1

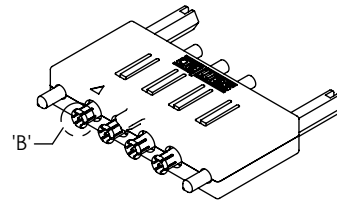
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RF GANGED CABLE JACK ASSEMBLY

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

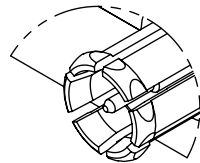
BY: D PURVIS 9/15/2004 SHEET 2 OF 3



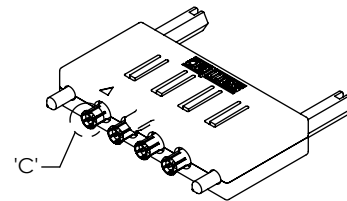
DETAIL 'B'  
SCALE 6 : 1



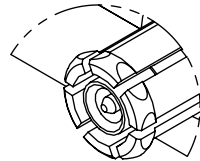
GRF1-P-C-04-XXXX-CXX-S-S-XX



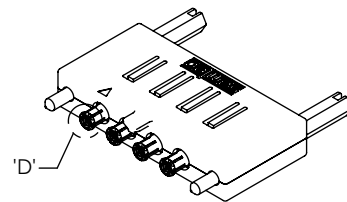
DETAIL 'C'  
SCALE 6 : 1



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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SHEET SCALE: 2:1

DESCRIPTION:  
RF GANGED CABLE JACK ASSEMBLY

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

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