

DO NOT  
SCALE FROM  
THIS PRINT

## DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

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

PLATING  
BLANK: 30 $\mu$ " GOLD CENTER CONTACT  
3 $\mu$ " GOLD OUTER CONTACT  
-GF: 10 $\mu$ " GOLD CENTER CONTACT  
3 $\mu$ " GOLD OUTER CONTACT  
100 $\mu$ " NICKEL REMAING 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.

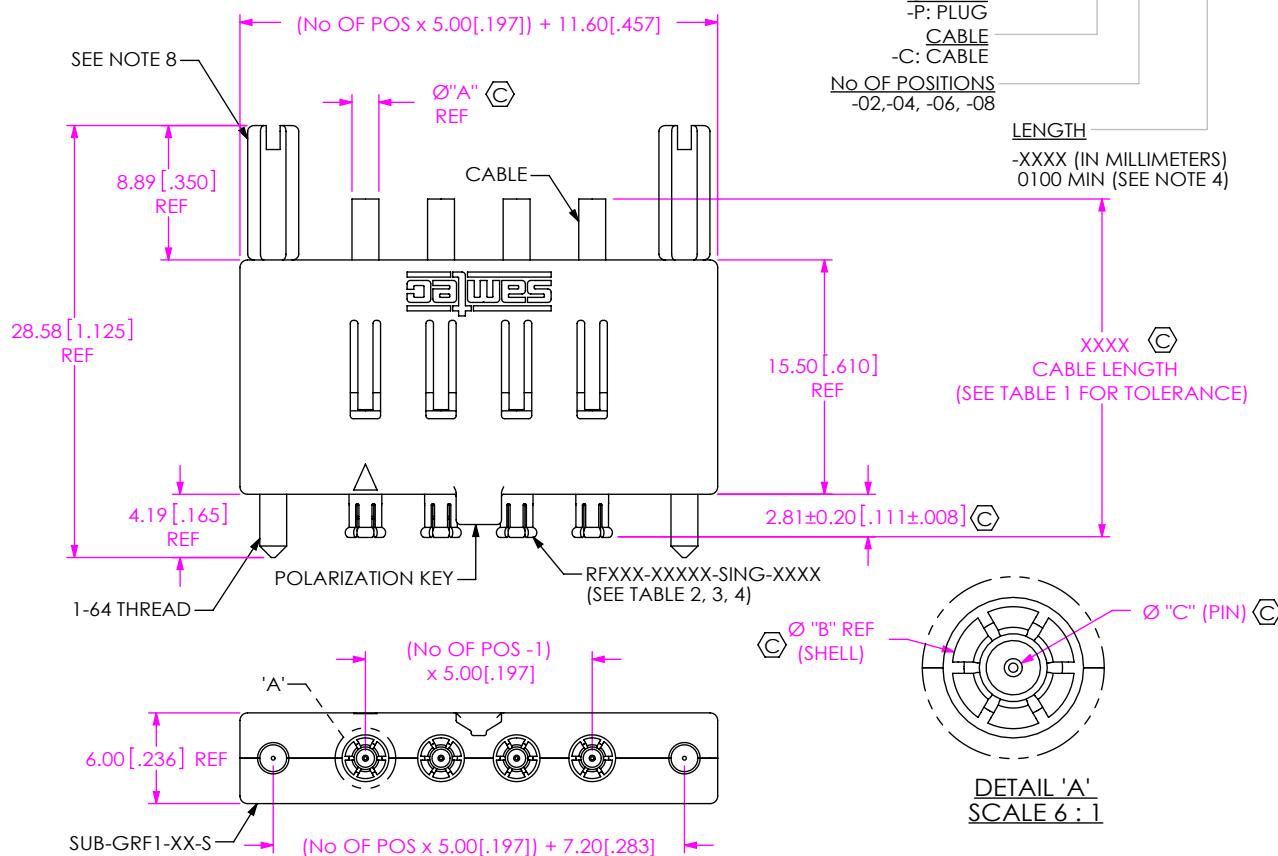


FIG 1  
GRFX-P-C-04-XXXX-CXX-S-S-XX SHOWN

## 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 PREPARED 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.
- 9. FOR HEAT SHRINK PROCESS, PLEASE REFER TO THE SIR PRINT GRFS-P-C-X-ST-CA1 FOR MORE DETAILS

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-7GPX-XXXXX-XXXX

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UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS.  
TOLERANCES ARE:  
DECIMALS ANGLES  
.X:  $\pm 0.3$  [.01] 5°  
.XX:  $\pm 0.13$  [.005]  
.XXX:  $\pm 0.051$  [.00201]

\* **PROPRIETARY NOTE** \*

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✉ E-Mail: info@SAMTEC.com      Code: 55322  
DESCRIPTION: RF GANGED CABLE JACK ASSEMBLY  
WG. NO. GRFX-P-C-XX-XXXX-XXX-X-X-XX  
BY: D PURVIS      9/15/2004      SHEET 1 OF 3

FINAL ASSEMBLY LENGTH TOLERANCE	
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]
>1100 [43.30]	±1%

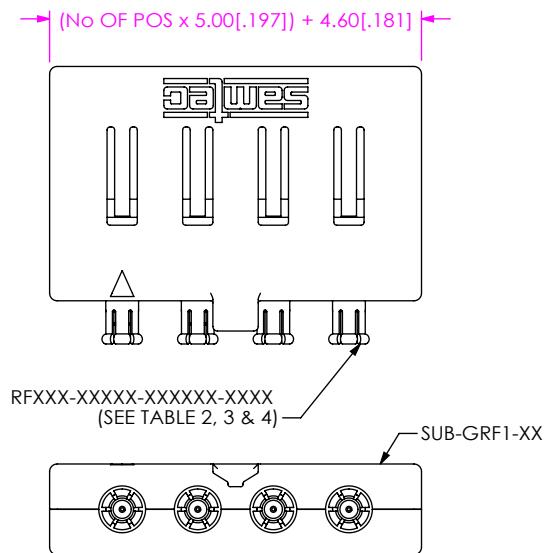


FIG 2  
GRFX-P-C-04-XXXX-CXX-S SHOWN  
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]

TABLE 3 (PLATING, SEE NOTE 5)		
SERIES	BLANK	-GF
GRF1-	RF316-13GP1-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

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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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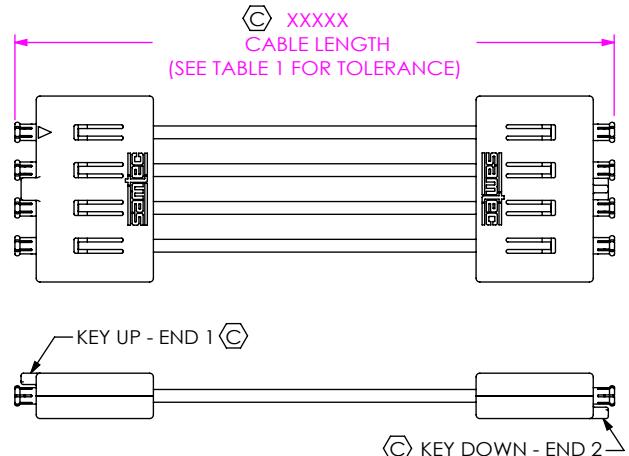


FIG 3  
GRFX-P-C-04-XXXX-CXX-D SHOWN  
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]

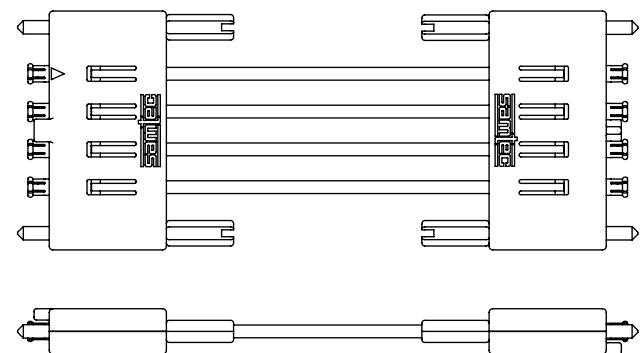


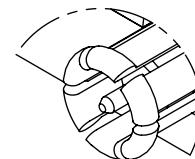
FIG 4  
GRFX-P-C-04-XXXX-CXX-D-S SHOWN  
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3]

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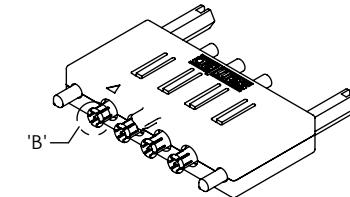
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SHEET SCALE: 2:1

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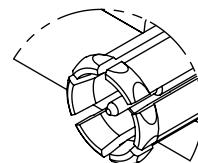
DESCRIPTION: RF GANGED CABLE JACK ASSEMBLY  
DWG. NO. GRFX-P-C-XX-XXXX-XXX-X-X-XX  
BY: D PURVIS 9/15/2004 SHEET 2 OF 3



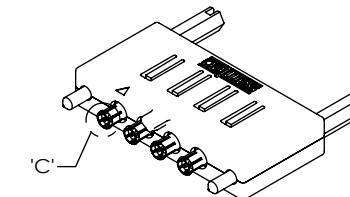
DETAIL 'B'  
SCALE 6 : 1



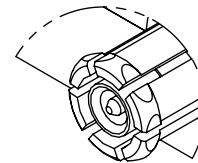
GRF1-P-C-04-XXXX-CXX-S-S-XX



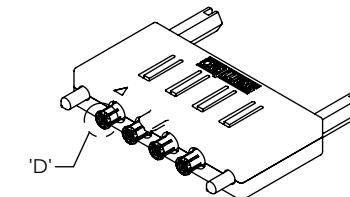
DETAIL 'C'  
SCALE 6 : 1



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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