

DO NOT
SCALE FROM
THIS PRINTDESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

SERIES
GRF1-: GRF 50 OHM CONNECTORS(SEE NOTE 7)
GRF7-: GRF 75 OHM CONNECTORS
(SEE SHT2, TABLE 1)

* = NOT RELEASED FOR PRODUCTION

GRFX-J-P-XX-XX-RA-XXX-X

INSERT OPTIONS
-E: #1-64 THRU HOLE
THREADED INSERT
(SEE FIG 2, SHT 2)

TERMINATION
-TH1: THRU HOLE
* -SM1: SURFACE MOUNT
* -MT1: MIXED TECHNOLOGY
(SEE SHT 2, TABLE 3)

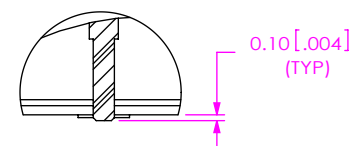
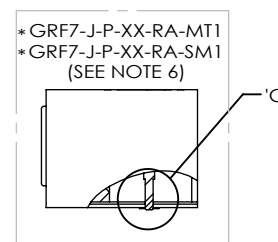
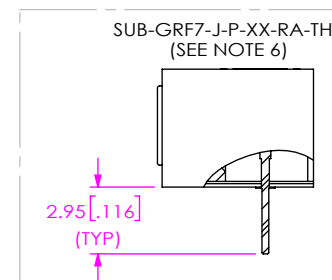
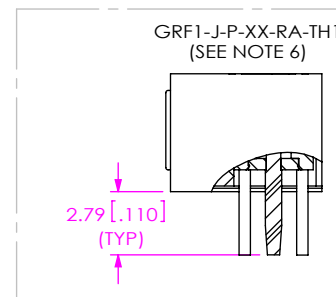
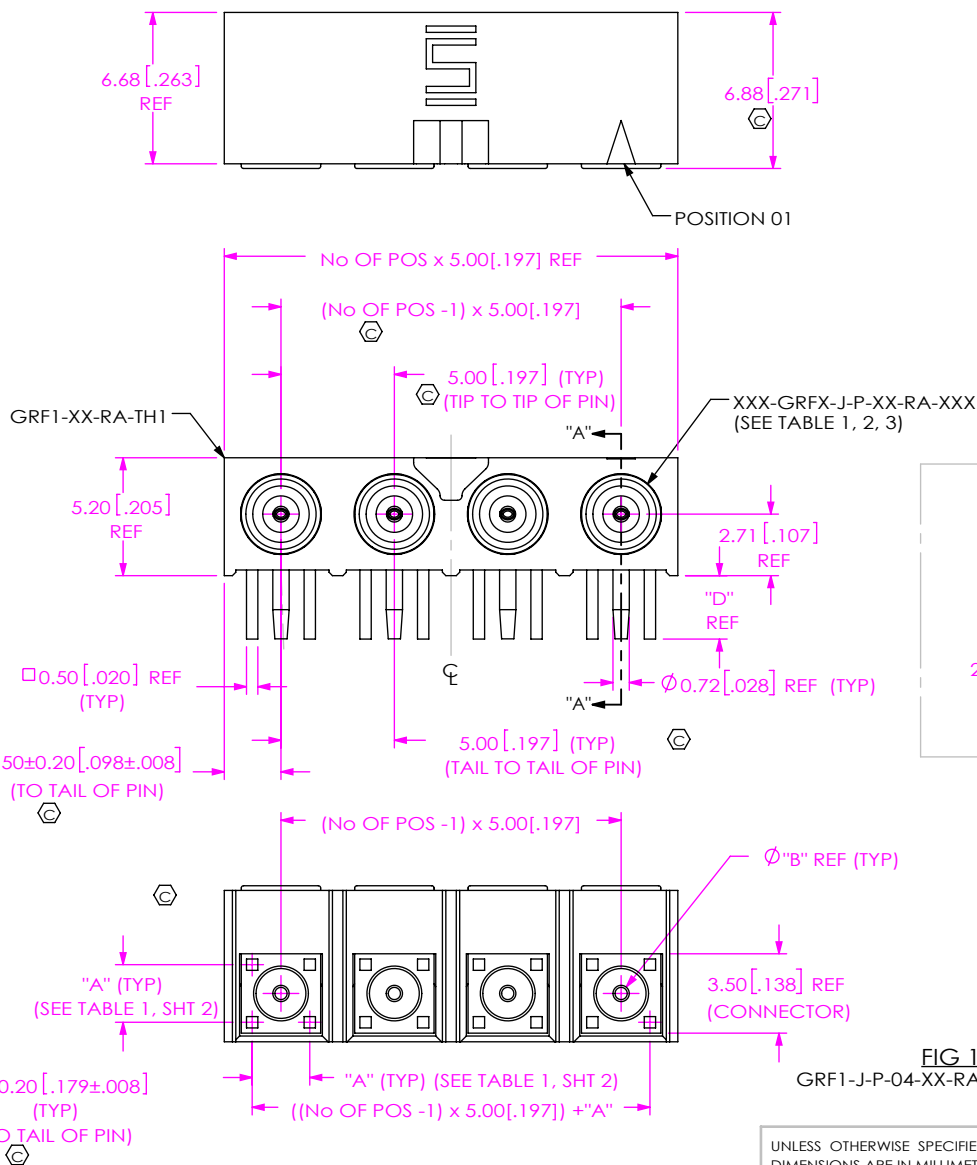
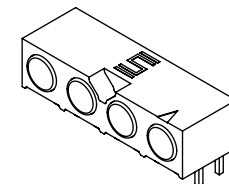
ORIENTATION
-RA: RIGHT ANGLE

GENDER
-J: JACK

PCB
-P: PCB MOUNT

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

PLATING
-E: 30μ" GOLD CENTER CONTACT,
3μ" GOLD OUTER CONTACT
(GRF1 ONLY)
-HF: 30μ" GOLD CENTER CONTACT,
3μ" GOLD OUTER CONTACT
(GRF7 ONLY)
-GF: 10μ" GOLD CENTER CONTACT,
3μ" GOLD OUTER CONTACT
(SEE SHT 2, TABLE 2)



DETAIL 'C'
SCALE 8:1

FIG 1
GRF1-J-P-04-XX-RA-TH1 SHOWN

F:\dwg\sw\exisprod\assembly\rf\grf\grf1-j-p-xx-x-ra-th1-x\GRFX-J-P-XX-XX-RA-XXX-X-ASM.SLDDRW

SECTION "A"-"A"

NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 2.22N [.5 LB].
3. NOTE DELETED.
4. ALL PIN TO PIN DIMENSIONS TO BE MEASURED FROM TIP TO TIP.
5. PART TO BE SYMMETRIC ABOUT CENTERLINE WITHIN 0.25[.010].
6. SOME FEATURES NOT SHOWN FOR CLARITY.
7. PLATING CODE "-E" IS FOR GRF1 ONLY, EXISTING DESIGNATION, PLATING CODE "-HF" IS FOR GRF7 ONLY.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES ARE:
DECIMALS ANGLES
X.X: ±0.3 [.01]
X.XX: ±0.13 [.005]
X.XXX: ±0.050 [.0020]

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MATERIAL:
BODY
INSULATOR: L.C.P. COLOR: BLACK
CONNECTORS
SHELL: BRASS
SOCKET: BeCu
INSULATOR: PTFE

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SHEET SCALE: 3:1

DESCRIPTION:

GANGED RF RA JACK CONNECTOR

DWG. NO.

GRFX-J-P-XX-XX-RA-XXX-X

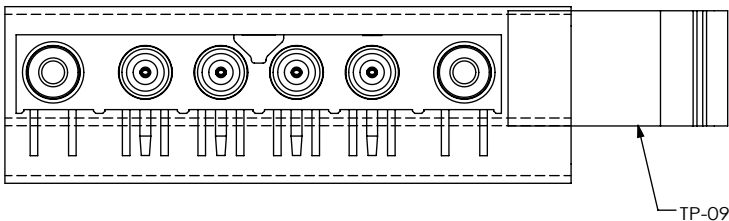
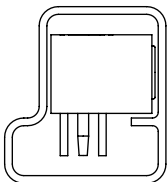
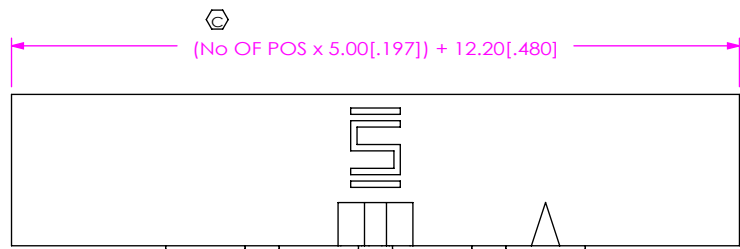
BY: DEAN P

01/17/2006

SHEET 1 OF 3

samtec

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PACKAGING VIEW
TUBE: PT-1-24-01-45
PLUG: TP-09

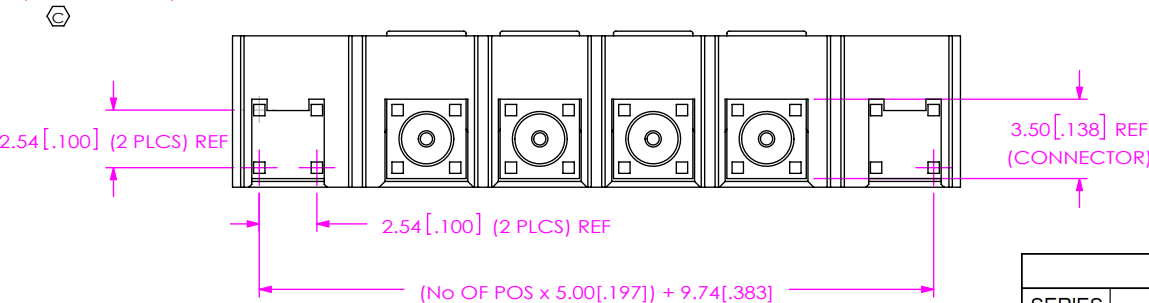
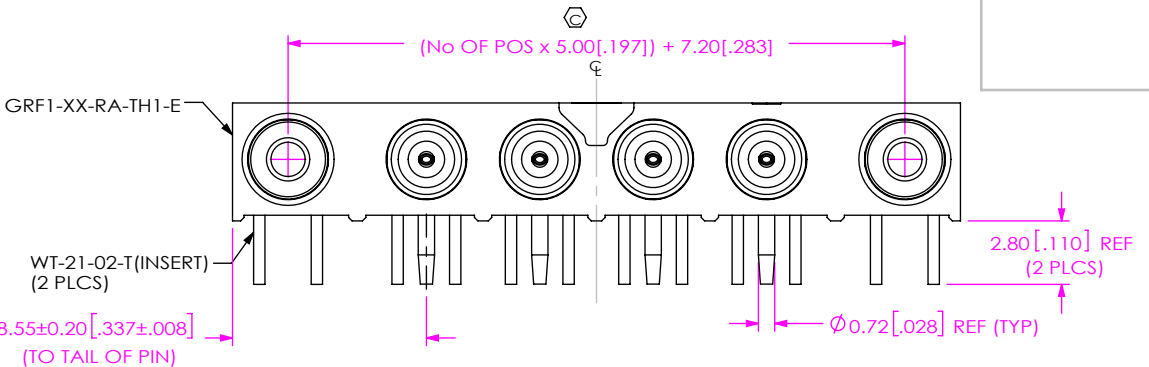


TABLE 1					
SERIES	"A"	"B"	"C"	"D"	XXX-GRFX-J-P-XX-RA-XXX
GRF1-	2.54 [0.100]	0.70 [0.028]	0.70 [0.028]	2.80 [0.110]	SUB-GRF1-J-P-XX-RA-TH1
GRF7-	3.00 [0.118]	0.30 [0.012]	0.50 [0.020]	3.00 [0.118]	SUB-GRF7-J-P-XX-RA-TH1
		0.35 [0.014]		0.00 [0.000]	* GRF7-J-P-XX-RA-SM1
		0.35 [0.014]		3.00 [0.118]	* GRF7-J-P-XX-RA-MT1

TABLE 2 (PLATING)			
SERIES	-E	-HF	-GF
GRF1-	SUB-GRF1-J-P-HF-RA-TH1	N/A	SUB-GRF1-J-P-GF-RA-TH1
GRF7-	N/A	SUB-GRF7-J-P-HF-RA-TH1	SUB-GRF7-J-P-GF-RA-TH1
		* GRF7-J-P-HF-RA-SM1	* GRF7-J-P-GF-RA-SM1
		* GRF7-J-P-HF-RA-MT1	* GRF7-J-P-GF-RA-MT1

TABLE 3 (TERMINATION)			
SERIES	-TH1	-SM1	-MT1
GRF1-	SUB-GRF1-J-P-XX-RA-TH1	* N/A	N/A
GRF7-	SUB-GRF7-J-P-XX-RA-TH1	GRF7-J-P-XX-RA-SM1	GRF7-J-P-XX-RA-MT1

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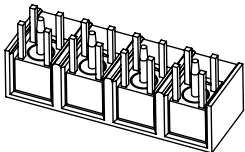


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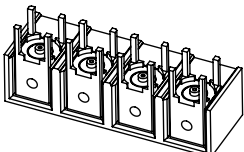
DESCRIPTION: GANGED RF RA JACK CONNECTOR

DWG. NO. GRFX-J-P-XX-XX-RA-XXX-X

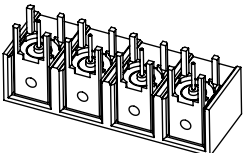
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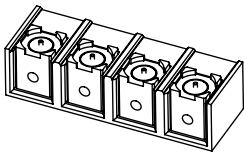
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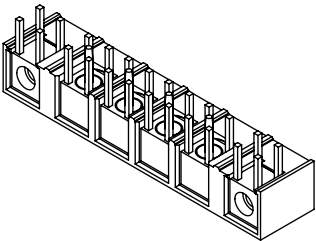
* GRF7-J-P-04-XX-RA-MT1 SHOWN



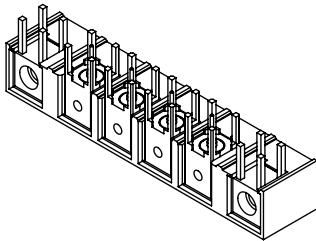
GRF7-J-P-04-XX-RA-TH1 SHOWN



* GRF7-J-P-04-XX-RA-SM1 SHOWN



GRF1-J-P-04-XX-RA-TH1-E SHOWN



GRF7-J-P-04-XX-RA-TH1-E SHOWN

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DESCRIPTION: GANGED RF RA JACK CONNECTOR

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