

(5,00 mm) .197"

GRF1-J, GRF1-P SERIES

GRF1-P-P-08-E-ST-TH1

GRF1-P-P-04-E-ST-TH1

GRF1-J-P-04-E-ST-TH1

GRF1-J-P-04-E-ST-TH1-E

50Ω GANGED MICRO-MINI RF SYSTEMS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?GRF1-J or www.samtec.com?GRF1-P

Shell Material:

Brass

Insulator Material:

PTFE

Contact Material:

BeCu

Pin Material:

Brass

Plating:

30μ" (0,76 μm) Au over 50μ" (1,27 μm) Ni

Current Rating (GRF1-J/GRF1-P):

Signals: 3.6 A per pin (8 adjacent pins powered)

Grounds: 6.2 A per pin (8 adjacent pins powered)

Operating Temp Range:

-40°C to +90°C

Insulation Resistance:

1000MΩ min

Contact Resistance:

Center: 5mΩ

Outer: 2.5mΩ

Impedance: 50Ω

Dielectric Withstanding Voltage:

500 Vrms, 50Hz

Dielectric Working Voltage:

170 Vrms, 50Hz

Frequency Range: 0-6 GHz

RoHS Compliant: Yes

Processing:

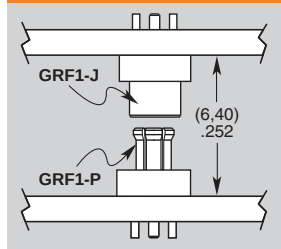
Lead-Free Solderable: Yes

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



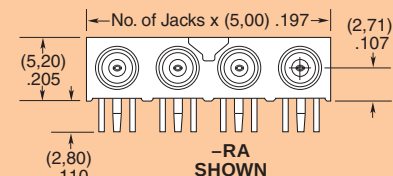
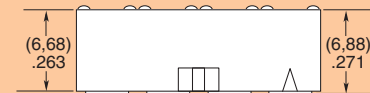
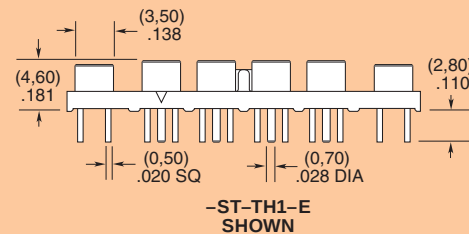
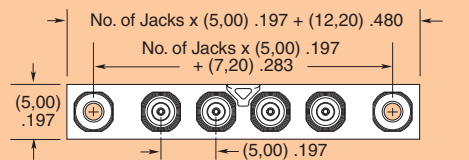
APPLICATION



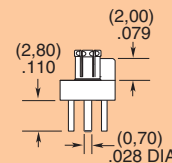
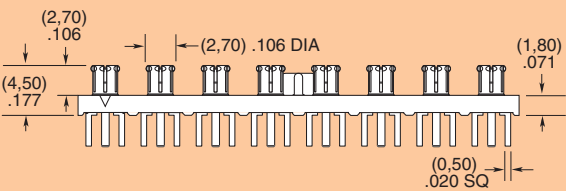
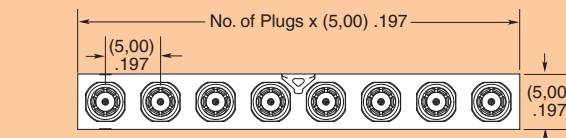
OTHER SOLUTIONS

- Cable assembly (see GRF1-C Series)

GRF1	J	P	NO. OF JACKS	PLATING	LEAD STYLE	TH1	INSERT OPTION
Mates with: GRF1-P, GRF1-C			-02, -04, -06, -08	-E = 50" (1,27 μm) Gold on Center Conductor & Tail, Gold Flash on Shell and Tails	-ST = Vertical -RA = Right Angle	-E = #1 - 64 Through-hole Threaded Insert, Mates with GRF1-C with captive screw option	



GRF1	P	P	NO. OF PLUGS	PLATING	ST	TH1
Mates with: RF1-J			-02, -04, -06, -08	-E = 50μ" (1,27 μm) Gold on Center Conductor & Tail, Gold Flash on Shell and Tails		



Due to technical progress, all designs, specifications and components are subject to change without notice.

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