



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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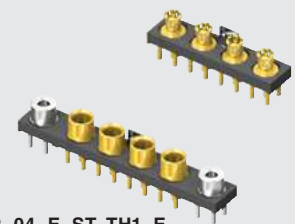
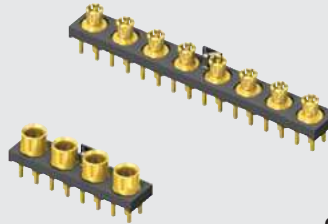
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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

GRF1-J, GRF1-P SERIES

(5.00 mm) .197"

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



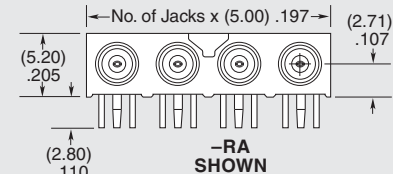
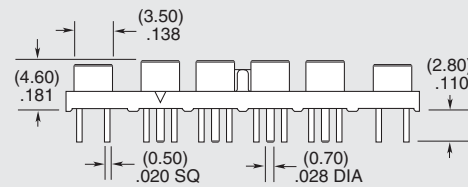
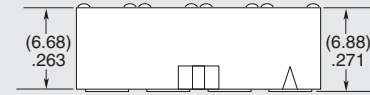
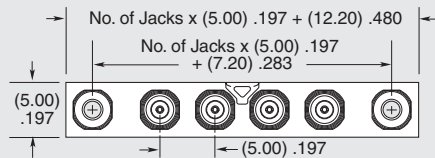
Mates with:
GRF1-P, GRF1-C

-02, -04,
-06, -08

-E
= 30μ" (0.76 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



-ST-TH1-E SHOWN

RECOGNITIONS

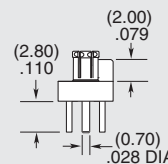
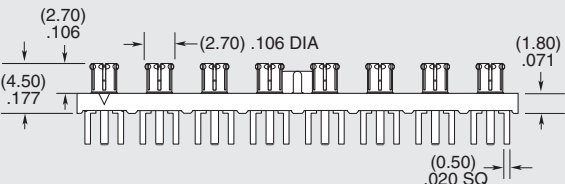
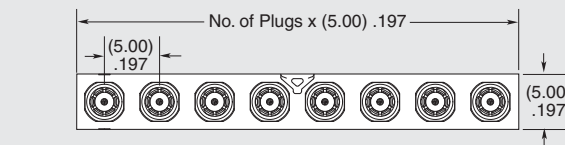
For complete scope of recognitions see www.samtec.com/quality



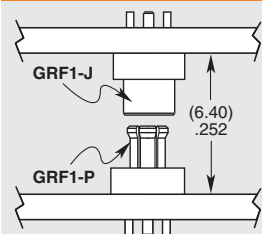
Mates with:
GRF1-J

-02, -04, -06, -08

-E
= 30μ" (0.76 μm) Gold on Center Conductor & Tail,
Gold Flash on Shell and Tails



APPLICATION



OTHER SOLUTIONS

- Cable assembly (see GRF1-C Series)