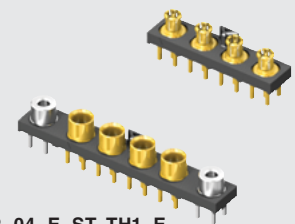
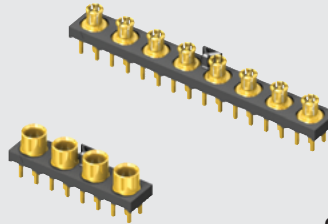


GRF1-P-P-08-E-ST-TH1

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



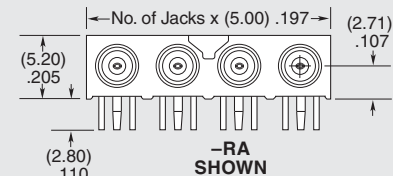
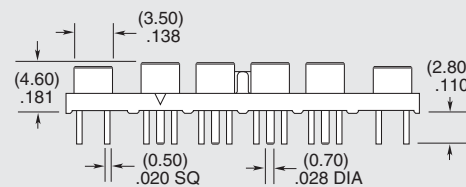
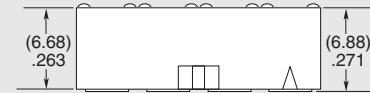
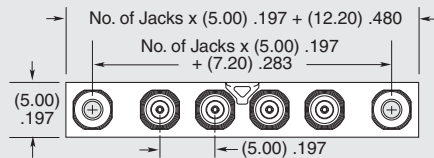
Mates with:
GRF1-P, GRF1-C

-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

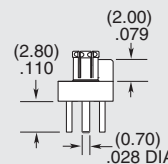
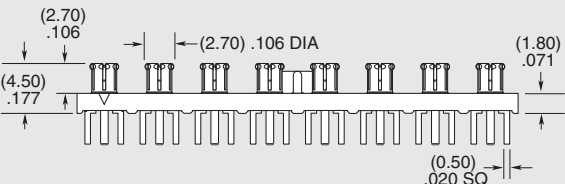
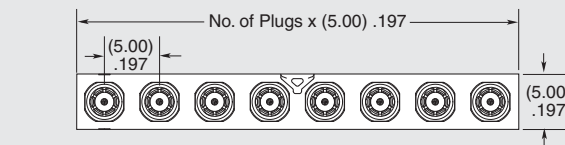
For complete scope of recognitions see www.samtec.com/quality



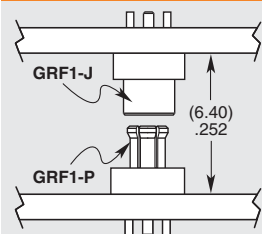
Mates with:
GRF1-J

-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)