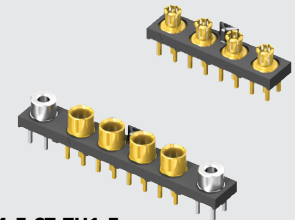
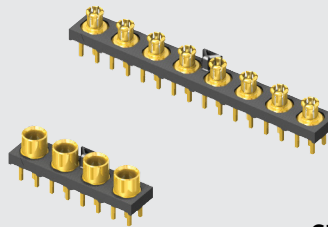


GRF1-P-P-08-E-ST-TH1

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"

50 Ω 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: 30 μm (0.76 μm) Au over 50 μm (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

Impedance: 50 Ω

Dielectric Withstanding Voltage: 500 Vrms, 50 Hz

Dielectric Working Voltage: 170 Vrms, 50 Hz

Frequency Range: 0~6 GHz

RoHS Compliant: Yes

GRF1

J

P

NO. OF JACKS

PLATING

LEAD STYLE

TH1

INSERT OPTION

Mates with:

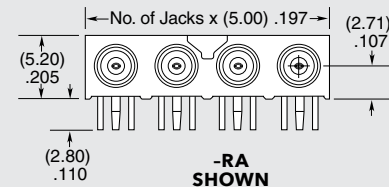
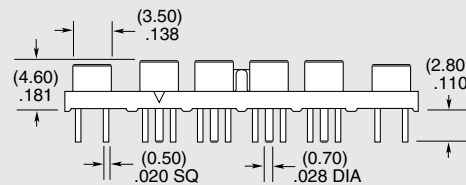
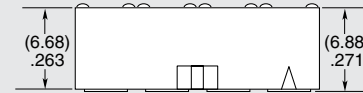
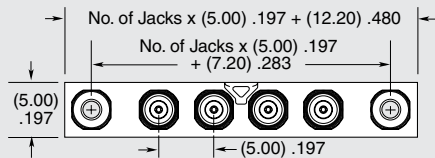
GRF1-P, GRF1-C, GRF1H-C

-02, -04, -06, -08

-E
= 30 μm (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

-RA SHOWN

PROCESSING

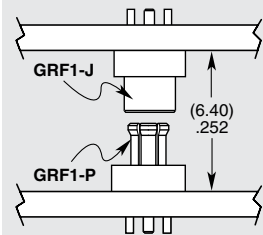
Lead-Free Solderable: Yes

RECOGNITIONS

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



APPLICATION



OTHER SOLUTIONS

- Cable assembly (see GRF1-C Series)

GRF1

P

P

NO. OF PLUGS

PLATING

ST

TH1

Mates with:

GRF1-J

-02, -04, -06, -08

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

