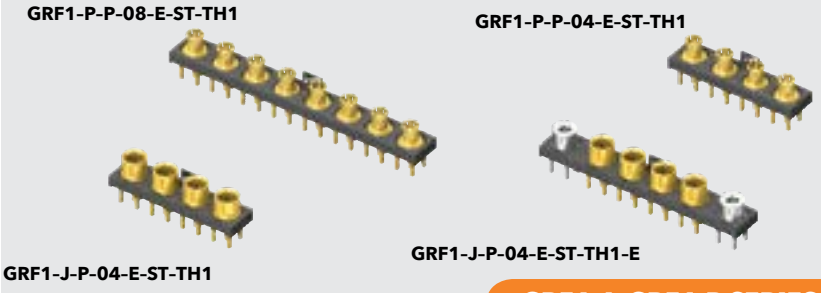
samtec



(5.00 mm) .197"

GRF1-J, GRF1-P SERIES

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 µ" (0.76 µm) Au over 50 µ" (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

PROCESSING

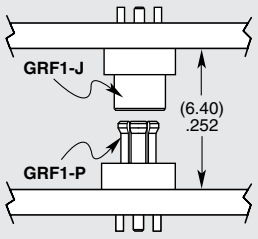
Lead-Free Solderable:
Yes

RECOGNITIONS

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

FILE NO. E111594

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, GRF1H-C

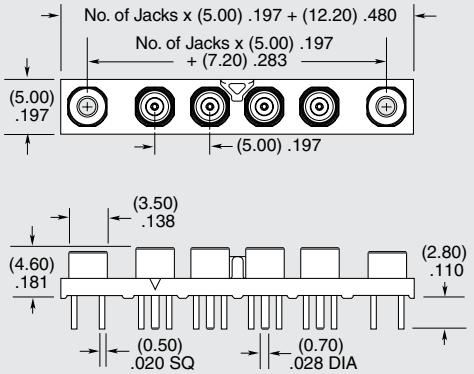
-02, -04, -06, -08

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

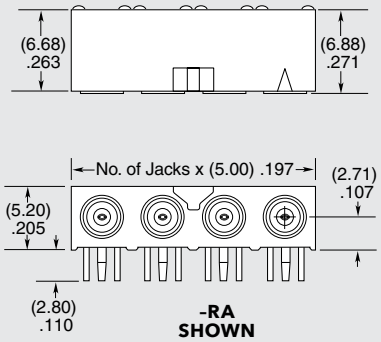
-ST
= Vertical

-RA
= Right-angle

-E
= #1 - 64 Through-hole Threaded Insert, Mates with GRF1-C with captive screw option



-ST-TH1-E SHOWN



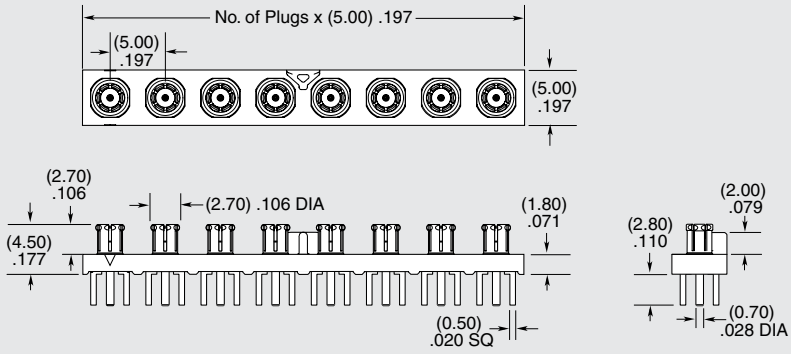
-RA SHOWN

GRF1 – P – P – NO. OF PLUGS – PLATING – ST – TH1

Mates with:
GRF1-J

-02, -04, -06, -08

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



Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.

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Global Electronic Components Distributor

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