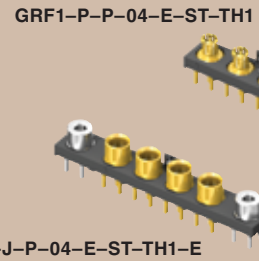
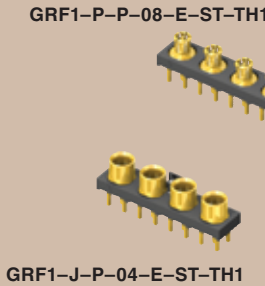


(5,00mm) .197"

GRF1-J, GRF1-P SERIES



# 50Ω GANGED MICRO-MINI RF SYSTEMS

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?GRF1-J](http://www.samtec.com?GRF1-J) or [www.samtec.com?GRF1-P](http://www.samtec.com?GRF1-P)

Shell Material:

Brass

Insulator Material:

PTFE

Contact Material:

BeCu

Pin Material:

Brass

Plating:

30μ" (0,76μm) Au over

50μ" (1,27μm) Ni

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

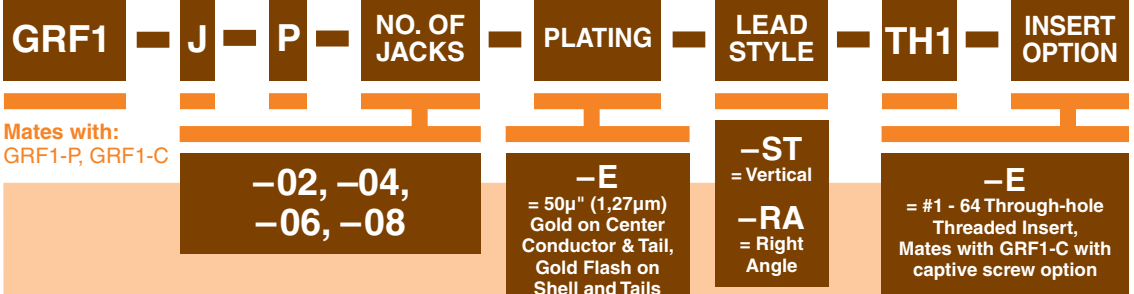
RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes



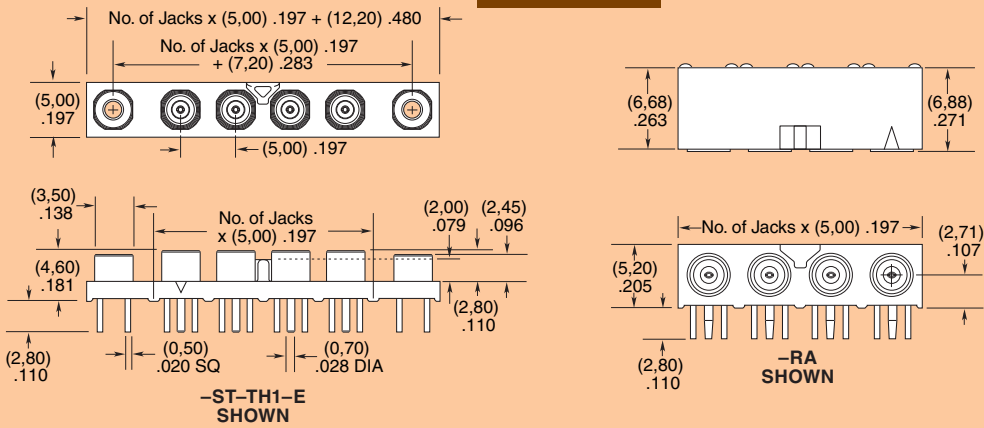
Mates with:  
GRF1-P, GRF1-C

-02, -04,  
-06, -08

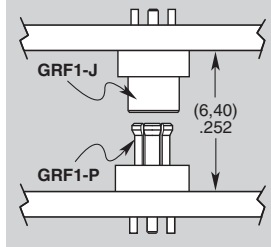
-E  
= 50μ" (1,27μm)  
Gold on Center  
Conductor & Tail,  
Gold Flash on  
Shell and Tails

-ST  
= Vertical  
-RA  
= Right  
Angle

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

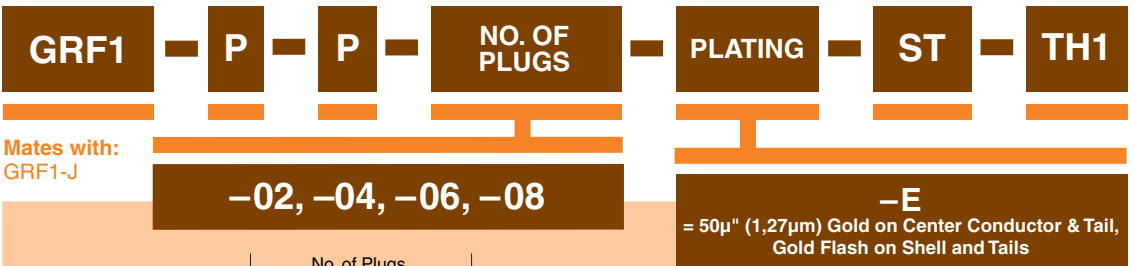


## APPLICATION



## ALSO AVAILABLE

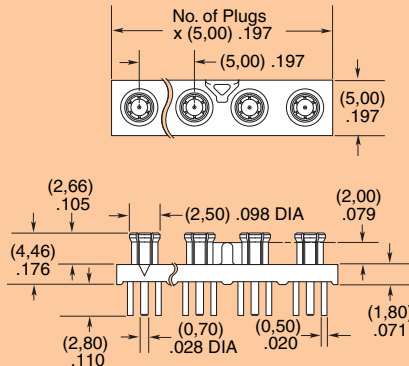
Cable assemblies.  
See GRF1-C Series.



Mates with:  
GRF1-J

-02, -04, -06, -08

-E  
= 50μ" (1,27μm) 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.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)