

(5.00 mm) .197"

GRF7-P-P-02-GF-ST-TH1

GRF7-P-P-04-GF-ST-TH1

GRF7-J-P-08-GF-ST-TH1-E

GRF7-J-P-04-GF-ST-TH1-E

GRF7-J, GRF7-P SERIES

75 Ω GANGED MICRO-MINI RF SYSTEMS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?GRF7-J or www.samtec.com?GRF7-P

Housing Material:
ABS

Shell Material:
Brass

Insulator Material:
PTFE

Contact Material:
BeCu

Pin Material:
Brass

Operating Temp Range:
-55 °C to +125 °C

Impedance:
75 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

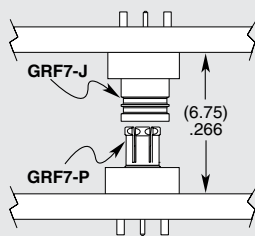
RECOGNITIONS

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



FILE NO. E111594

APPLICATION



OTHER SOLUTIONS

- Cable assembly (see GRF7H-C Series)

GRF7

J

P

NO. OF JACKS

PLATING

LEAD STYLE

TH1

INSERT OPTION

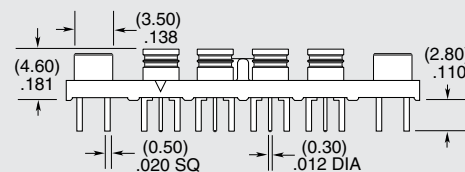
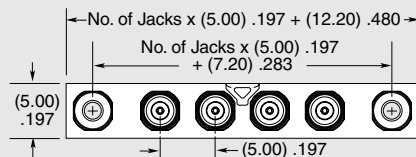
Mates with:
GRF7-P,
GRF7H-C

-02, -04,
-06, -08

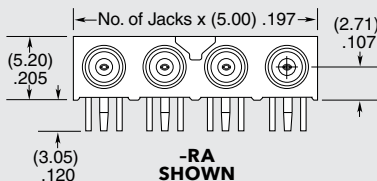
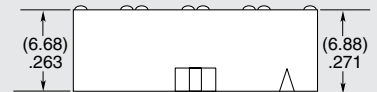
-GF
= 10 μ" (0.25 μm)
Gold center contact,
3 μ" (0.08 μm)
Gold outer contact

-ST
= Vertical
-RA
= Right-angle

-E
= #1 - 64 Through-hole
Threaded Insert,
Mates with GRF7-C with
captive screw option



-ST-TH1-E
SHOWN



-RA
SHOWN

GRF7

P

P

NO. OF PLUGS

PLATING

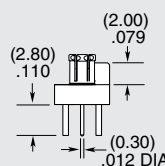
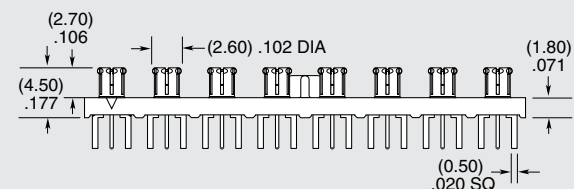
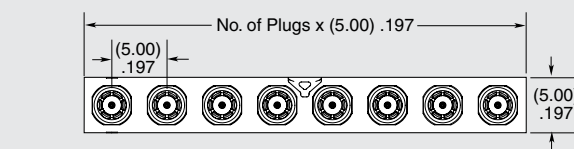
ST

TH1

Mates with:
GRF7-J

-02, -04, -06, -08

-GF
= 10 μ" (0.25 μm) Gold center contact,
3 μ" (0.08 μm) Gold outer contact



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[GRF7-J-P-08-GF-RA-TH1-E](#) [GRF7-J-P-08-GF-ST-TH1](#) [GRF7-J-P-08-GF-ST-TH1-E](#) [GRF7-J-P-02-GF-RA-TH1](#)
[GRF7-J-P-02-GF-RA-TH1-E](#) [GRF7-J-P-02-GF-ST-TH1](#) [GRF7-J-P-02-GF-ST-TH1-E](#) [GRF7-J-P-04-GF-RA-TH1](#) [GRF7-](#)
[J-P-04-GF-RA-TH1-E](#) [GRF7-J-P-04-GF-ST-TH1](#) [GRF7-J-P-04-GF-ST-TH1-E](#) [GRF7-J-P-06-GF-RA-TH1](#) [GRF7-J-P-](#)
[06-GF-RA-TH1-E](#) [GRF7-J-P-06-GF-ST-TH1](#) [GRF7-J-P-06-GF-ST-TH1-E](#) [GRF7-J-P-08-GF-RA-TH1](#)