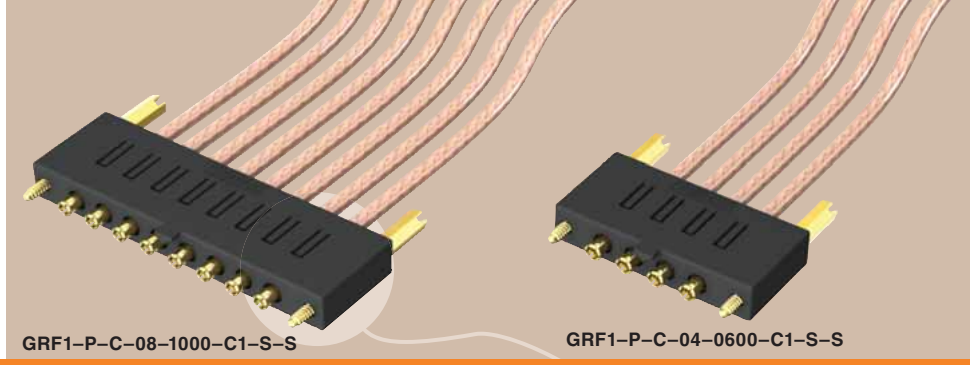
samtec

(5,00 mm) .197"
GRF1-C SERIES



50Ω GANGED MICRO-MINI RF CABLE

SPECIFICATIONS

For complete specifications see www.samtec.com?GRF1-C

Shell Material:
Brass
Insulator Material:
PTFE
Contact Material:
BeCu
Pin Material:
Brass
Plating:
30µ" (0,76 µm) Au over
50µ" (1,27 µm) Ni
Operating Temp Range:
-40°C to +90°C
Impedance:
50Ω
RoHS Compliant:
Yes

RG 316 Cable:

Impedance:
50Ω
Capacitance:
96.432 pF/meter
Propagation Delay:
4.83 nsec/meter
Max Attenuation (cable only):
1.25dB @ 1GHz for 1 meter
Conductor Size:
26 AWG, (0,51 mm) .020" dia.
Conductor Material:
Silver Plated Copper
Insulator Diameter:
(1,52 mm) .060"
Insulator Material:
PTFE
Shield Material:
Silver Plated Copper Clad Steel
Jacket Material:
FEP
Jacket Diameter:
(2,54 mm) .100"
Jacket Color:
Amber
RoHS Compliant:
Yes

RECOGNITIONS

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

FILE NO. E111594

Note:
Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.

Note:
This Series is non-standard, non-returnable.

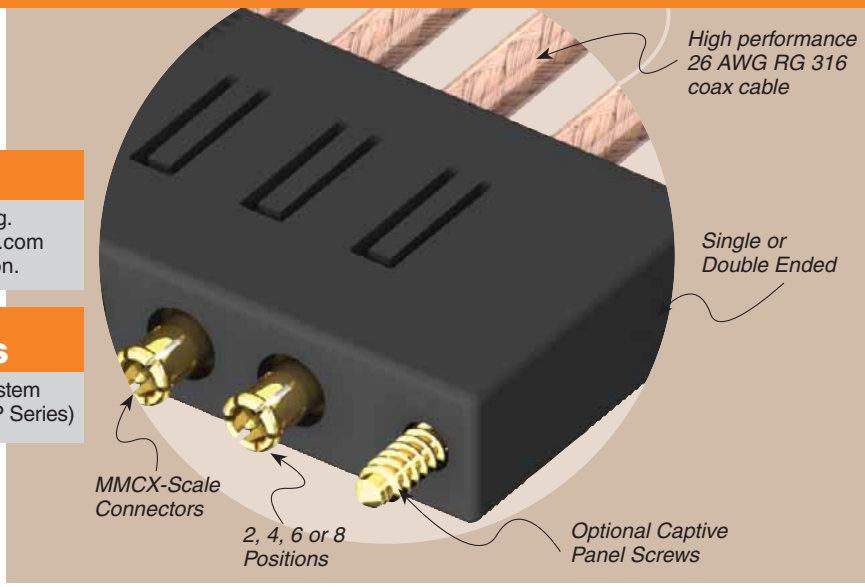
Mates with:
GRF1-J

TOOLING

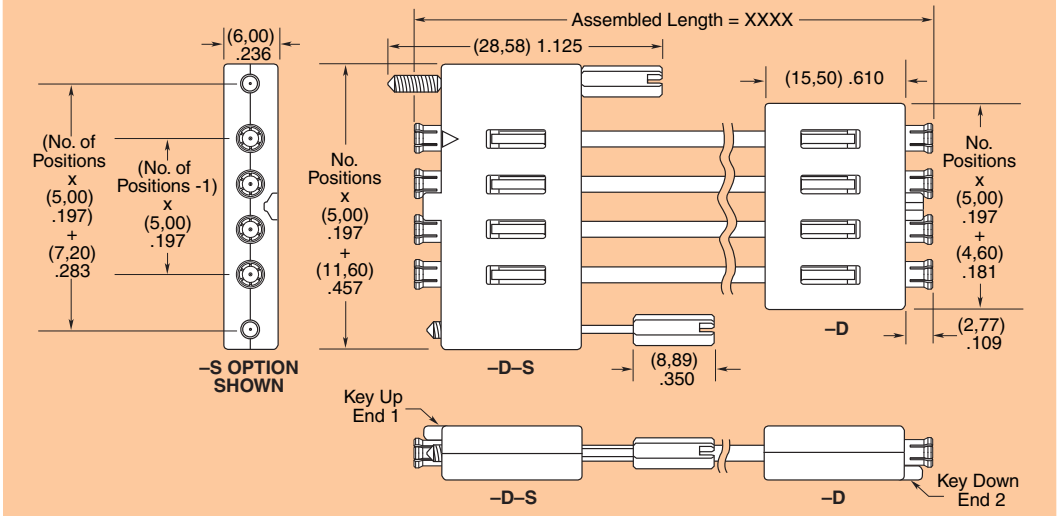
Application Tooling.
Contact atg@samtec.com
for more information.

OTHER SOLUTIONS

• 50Ω Board-to-Board system
(see GRF1-J & GRF1-P Series)



GRF1	P	C	NO. OF POSITIONS	ASSEMBLED LENGTH	C1	END OPTION	SCREW OPTION
			–02, –04, –06, –08	–"XXXX" = Assembled Length in millimeters –0100 to –1000 (100 mm) 3.94" minimum		–S = Single –D = Double	–S = Captive Panel Screws (Leave blank for no Screw Option)



Due to technical progress, all designs, specifications and components are subject to change without notice.

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