MAGNUMRF®
GANGED RF ASSEMBLIES

SMPM TO 65 GHZ

SMPM Ganged Cable:
GC47, GC86

Mates With:
GPPC

SERIES	-	NO. OF ROWS	-	NO. OF POSITIONS	-	ASSEMBLY LENGTH
GC47 = Ganged SMPM with (1.2 mm) .047" overshield DIA 29 AWG millimeter wave cable		**–1**		**–02, –04, –06, –08, –10**		**–"XXXX"** = Assembly Length in millimeters -0100 (100 mm) 3.94" minimum
GC86 = Ganged SMPM with (2.18 mm) .086" overshield DIA 23 AWG millimeter wave cable						

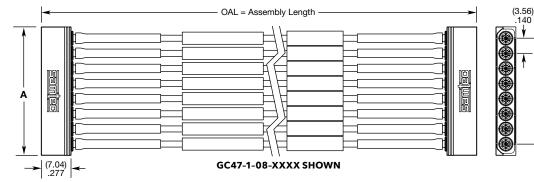| NO. OF POSITIONS	A	B
–02	(8.89) .350	(3.56) .140
–04	(16.00) .630	(10.67) .420
–06	(23.11) .910	(17.78) .700
–08	(30.23) 1.190	(24.89) .980
–10	(37.34) 1.470	(32.00) 1.260

ALSO AVAILABLE

Other RF options for end 2
Contact RFGroup@samtec.com

Notes:
Cable lengths longer than 1000 mm (39.37") are not supported with S.I. test data.

Some sizes, styles and options are non-standard, non-returnable.

OAL = Assembly Length

(3.56) .140

A

B

(7.04) .277

GC47-1-08-XXXX SHOWN

SMPM Ganged Block:
GPPC

Mates With:
GC47, GC86

GPPC	GENDER	-	1	NO. OF POSITIONS	-	PLATING	-	ORIENTATION	-	TERMINATION	-	1N
	–PF = Plug Full Detent			**–02, –04, –06, –08, –10** (Per Row)		**–EG** = 50 µ" (1.27 µm) heavy Gold center contact, 10 µ" (0.25 µm) extra Gold outer body (–EM only)		**–ST** = Straight		**–SM** = Surface Mount (Right-angle only)		Leave blank for –SL &–SM
	–PS = Plug Smooth Bore							**–RA** = Right-angle (–SM only)		**–EM** = Edge Mount		
	-PC = Catcher Mitt (–ST–SL & –RA–SM only)					**–HG** = 30 µ" (0.76 µm) Gold center contact, 10 µ" (0.25 µm) Gold outer body (–SL & –SM only)				**–SL** = Stub Launch		

(28.96) 1.140

(4.45) .175

(0.79) .031 DIA

(21.34) .840

(3.94) .155

(3.56) .140

(24.89) .980

GPPC-PS-1-08-XX-ST-SL SHOWN

D

(8.26) .325

C

(3.56) .140

(3.94) .155

(0.79) .031 DIA

E

GPPC-PS-1-08-XX-RA-SM SHOWN

(4.22) .166

A

(5.55) .219

B

(0.38) .015

(3.94) .155

(3.56) .140

C

(4.22) .166

GPPC-PS-1-08-XX-ST-EM-1N SHOWN

NO. OF POSITIONS	A	B	C	D	E
–02	(9.35) .368	(7.70) .303	(3.56) .140	(7.62) .300	N/A
–04	(16.46) .648	(14.81) .583	(10.67) .420	(14.73) .580	(7.11) .280
–06	(23.57) .928	(21.92) .863	(17.78) .700	(21.84) .860	(14.22) .560
–08	(30.68) .1.208	(29.03) 1.143	(24.89) .980	(28.96) 1.140	(21.34) .840
–10	(37.80) 1.488	(36.14) 1.423	(32.00) 1.260	(36.07) 1.420	(28.45) 1.120

Notes:
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