

Plug-In

Power Splitter/Combiner

4 Way-0° 75Ω 30 to 600 MHz

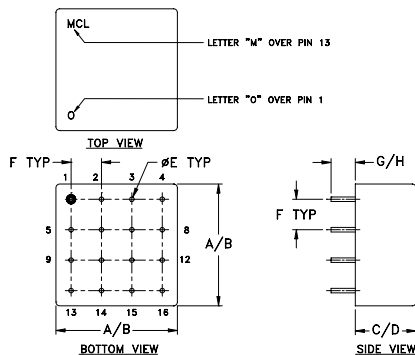
Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
Power Input (as a splitter)	1W max.
Internal Dissipation	0.250W max.

Pin Connections

SUM PORT	2
PORT 1	8
PORT 2	12
PORT 3	5
PORT 4	9
GROUND	1,3,4,6,7,10,11,13,14,15,16
CASE GROUND	1,3,4,6,7,10,11,13,14,15,16

Outline Drawing



Outline Dimensions (inch/mm)

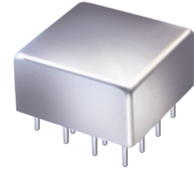
A	B	C	D	E
.770	.810	.380	.410	.030
19.56	20.57	9.65	10.41	0.76
F	G	H	wt	
.200	.20	.14	grams	
5.08	5.08	3.56	11.0	

Features

- wideband, 30 to 600 MHz
- low insertion loss, 0.8 dB typ.
- rugged welded construction

Applications

- VHF/UHF
- instrumentation



CASE STYLE: C07

PRICE: \$56.45 ea. QTY. (1-9)

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

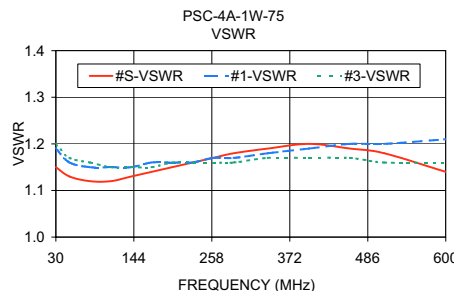
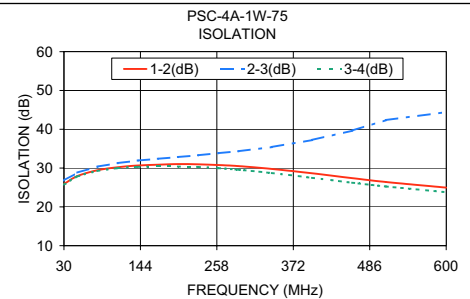
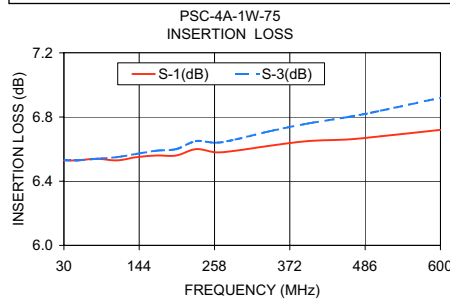
The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Electrical Specifications

FREQ. RANGE (MHz)	ISOLATION (dB)				INSERTION LOSS (dB) ABOVE 6.0 dB				PHASE UNBALANCE (Degrees)		AMPLITUDE UNBALANCE (dB)	
	L		U		L		U		L		U	
	Typ.	Min.	Typ.	Min.	Typ.	Max.	Typ.	Max.	Max.	Max.	Max.	Max.
f _L -f _U												
30-600	27	20	22	18	0.6	0.8	0.8	1.1	2	5	0.2	0.5

Typical Performance Data

Freq. (MHz)	Insertion Loss (dB)				Amp. Unbal. (dB)	Isolation (dB)			Phase Unbal. (deg.)	VSWR S	VSWR 1	VSWR 2	VSWR 3	VSWR 4
	S-1	S-2	S-3	S-4		1-2	2-3	3-4						
30.00	6.53	6.53	6.53	6.53	0.01	25.90	26.80	25.73	0.16	1.15	1.19	1.19	1.20	1.20
50.00	6.53	6.52	6.53	6.52	0.00	27.93	28.82	27.83	0.14	1.13	1.16	1.16	1.17	1.17
80.00	6.54	6.53	6.54	6.54	0.01	29.45	30.37	29.24	0.10	1.12	1.15	1.15	1.16	1.16
110.00	6.53	6.54	6.55	6.54	0.02	30.21	31.28	29.97	0.24	1.12	1.15	1.15	1.15	1.15
140.00	6.55	6.55	6.57	6.58	0.03	30.67	31.94	30.31	0.27	1.13	1.15	1.15	1.15	1.15
170.00	6.56	6.57	6.59	6.57	0.03	30.87	32.40	30.42	0.23	1.14	1.16	1.15	1.15	1.15
200.00	6.56	6.55	6.60	6.58	0.05	31.03	32.84	30.40	0.33	1.15	1.16	1.16	1.16	1.15
230.00	6.60	6.59	6.65	6.62	0.06	30.96	33.29	30.29	0.29	1.16	1.16	1.16	1.16	1.15
260.00	6.58	6.58	6.64	6.60	0.06	30.78	33.83	29.97	0.35	1.17	1.17	1.16	1.16	1.15
290.00	6.59	6.58	6.66	6.60	0.08	30.51	34.32	29.56	0.38	1.18	1.17	1.17	1.16	1.16
340.00	6.62	6.59	6.71	6.63	0.11	29.77	35.43	28.73	0.48	1.19	1.18	1.17	1.17	1.15
400.00	6.65	6.61	6.76	6.65	0.15	28.67	37.24	27.49	0.54	1.20	1.19	1.18	1.17	1.15
460.00	6.66	6.60	6.80	6.67	0.20	27.40	39.65	26.23	0.59	1.19	1.20	1.19	1.17	1.15
510.00	6.68	6.61	6.84	6.69	0.23	26.42	42.38	25.25	0.70	1.18	1.20	1.19	1.16	1.15
600.00	6.72	6.64	6.92	6.72	0.29	24.97	44.44	23.79	1.00	1.14	1.21	1.20	1.16	1.14



electrical schematic



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