

# Broadband 8 Way Power Dividers



RLC Electronics' Series D-05180-8, is a 0.5-18 GHz 8-way power divider with high isolation, small size and superior performance in a single package. With today's most advanced technology in

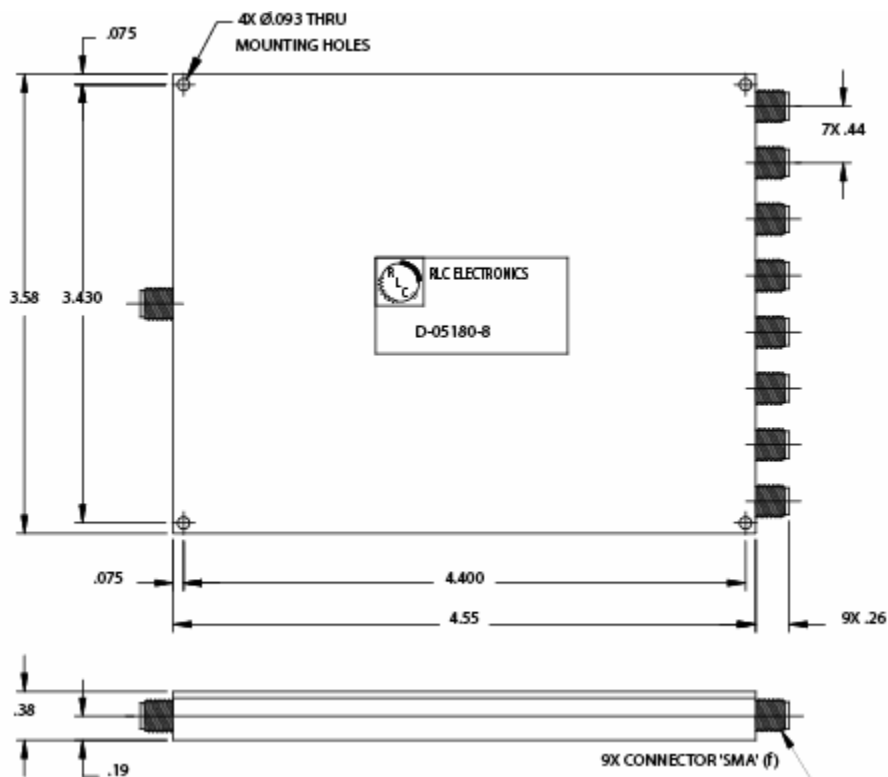
CAD/CAM equipment & precision etching, complex multi-section designs have been developed using original analysis of microstrip theory.

## Specifications D-05180-8

Frequency (GHz)	Insertion Loss dB (Max)	Isolation dB (min)	VSWR		Amplitude (dB) (Max)	Phase Balance (°Max)	Input Power (watts Max)
			In	Out			
0.5-1	2.0	5	3.00	2.00	±0.20	+/-1.0	10
1-2.5	.7	10	1.80	1.50	±0.20	+/-2.0	10
2.5-6	.8	17	1.60	1.50	±0.20	+/-4.0	10
6-16	1.4	15	1.70	1.50	±0.30	+/-8.0	10
16-18	1.7	14	1.80	1.60	±0.40	+/-10.0	10

**Connectors:** SMA female to meet interface requirements of MIL-C-39012

## OUTLINE DRAWING



Specifications subject to change without notification.

Tolerances unless otherwise specified are .xx +/- .02. xxx +/- .005

Specials requiring closer tolerances, different frequency ranges, special connectors different materials, finishes, etc. can be furnished upon request.



**RLC ELECTRONICS, INC.**

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