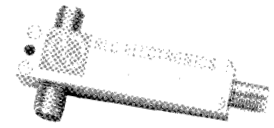


# Broadband Power Dividers



RLC Electronics' Series D-05180, 0.5-20 GHz 2-way power dividers have high isolation, small size, and superior performance in a single package. With the advance and power of in-house CAD/CAM equipment, complex multi-section designs

have been developed using original analysis of microstrip theory. Custom multi-octave power dividers up to 8 ways and for frequencies up to 26 GHz are available.

## Specifications

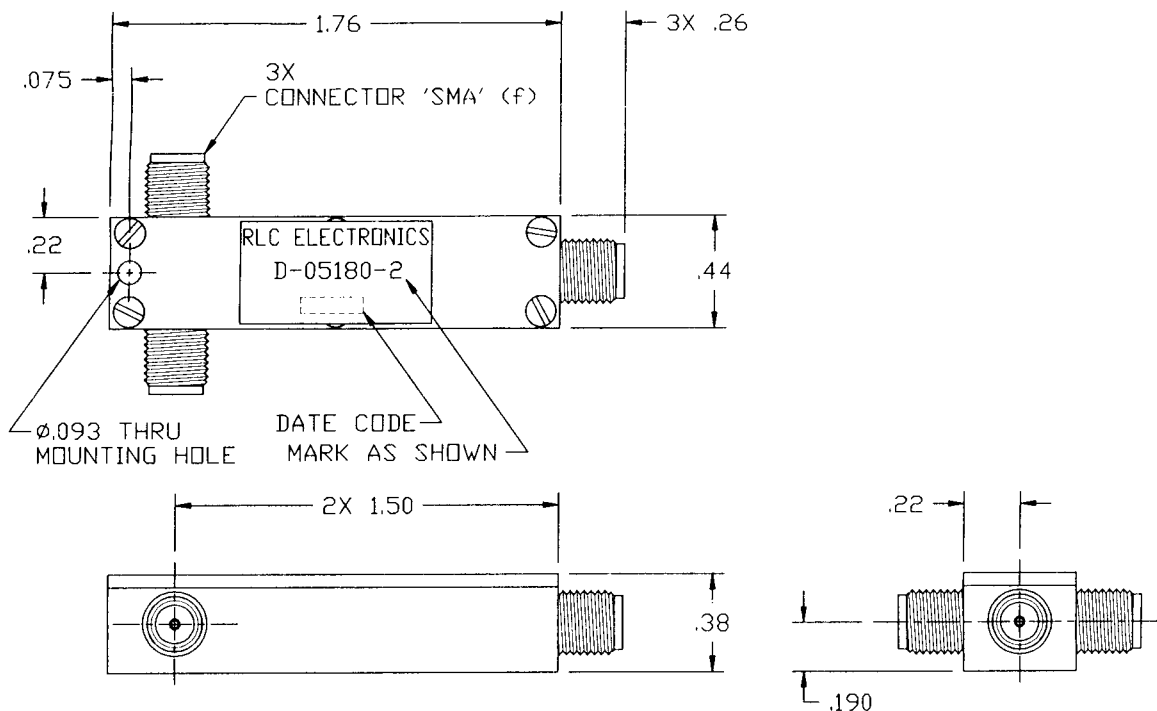
D-05180-2

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	0.70	6	2.00	2.00	0.20	2.0	10
1-2	0.50	10	1.70	1.50	0.20	2.0	10
2-8	0.50	17	1.50	1.40	0.20	3.0	10
8-16	0.80	15	1.70	1.60	0.30	6.0	10
16-18	0.90	14	1.80	1.90	0.40	8.0	10
18-20	1.10	7	2.00	2.00	0.40	8.0	10

**Size:** 1.75" x 0.44" x .38"

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

## Outline Drawing



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