

High Frequency 2 Way Broadband Power Dividers 40 GHz



RLC Electronics' series D-0640-2 is a 6.0-40 GHz 2-way in phase power divider/combiner with high isolation, small size and superior performance in a single package. It uses a multi-section "Wilkinson" type design with excellent

electrical performance over the frequency range. This was accomplished by today's most advanced technology in design & precision etching of a single microstrip board.

Specifications

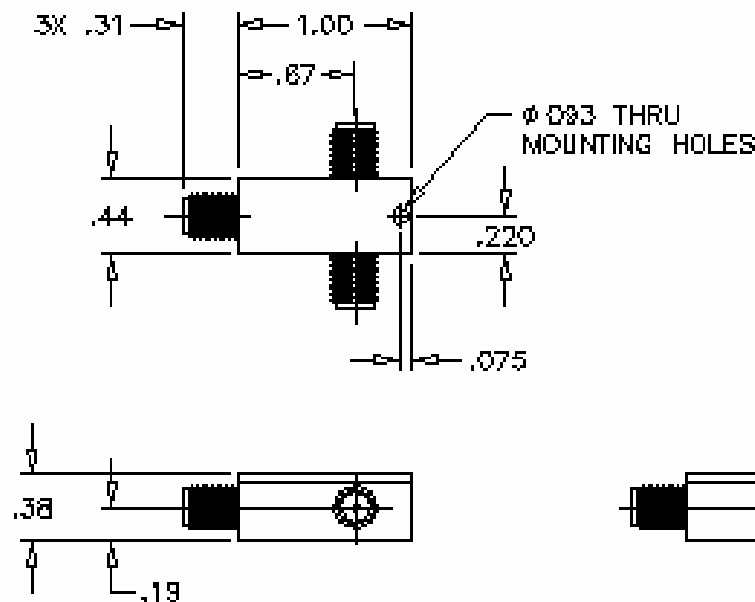
D-0640-2

Model No.	VSWR (Max.)	Insertion Loss (Max.)	Isolation (Min.)	Amplitude Balance	Phase Balance
D-0640-2	2.0:1	1.0 dB	15 dB	+/- .5	+/-15 deg

Power: 10 watts average
(outputs terminated with a VSWR less than 1.35)
200 mW average
(outputs terminated with any VSWR and phase)
Frequency: 6.0-40.0 GHz

Connectors: "K" female
Impedance: 50 ohms
Environmental: MIL-E-5400, Class 1A

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.



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