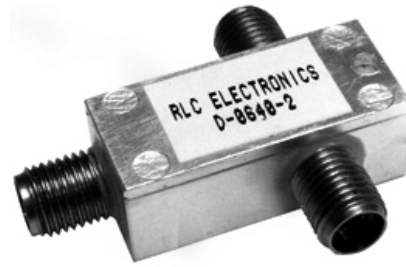


# High Frequency 2 and 4 Way Broadband Power Dividers 40 GHz



RLC Electronics' series D-0640-\* is a 6.0-40 GHz 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..

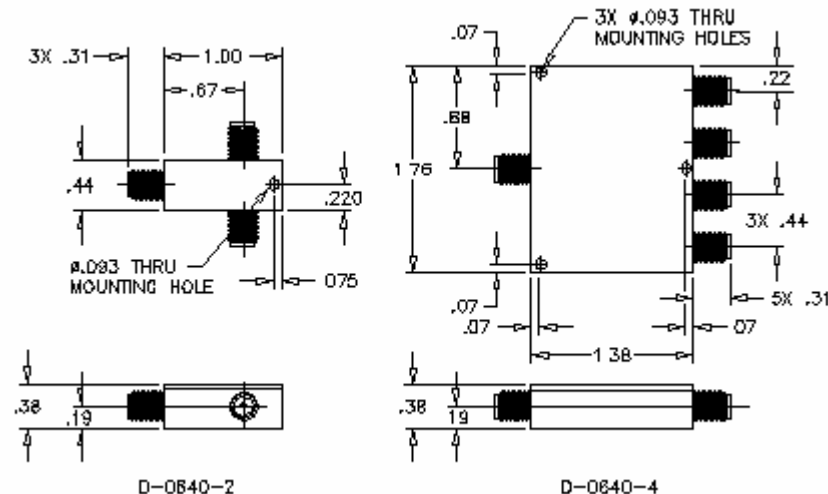
## Specifications D-0640-2-4

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
D-0640-4	2.0:1	1.6 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 (2.92mm)  
**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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