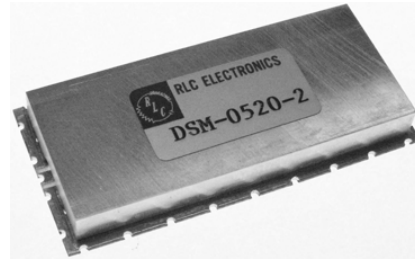


Surface Mount Power Dividers



RLC ELECTRONICS' Surface Mount Power Dividers combine the characteristics of a Wilkinson divider in a compact true surface mount package. Currently both two and four way

designs are available with a frequency range extending from 0.5 to 2 GHz and still maintain excellent electrical performance.

Specifications DSM-0520-1

Model No	VSWR IN/OUT (Max.)	Insertion Loss (Max.)	Isolation (Min.)	Amplitude Balance	Phase Balance
DSM-0520-2	1.5:1	0.5dB	20dB	+/- .2dB	±4°
DSM-0520-4	1.5:1	1.0dB	20dB	+/- .2dB	±4°

Power:

10 watts average
(outputs terminated with a VSWR less than 1.35)
500 mW average
(outputs terminated with any VSWR and phase)

Frequency: 0.5 - 2.0 GHz

Impedance: 50 ohms

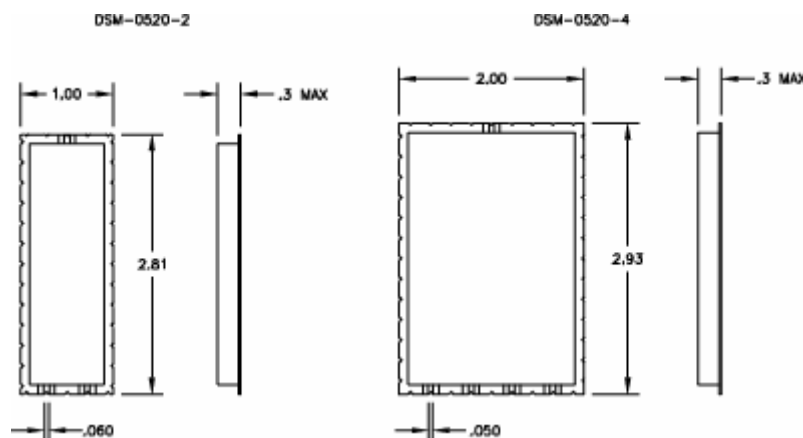
Environmental: MIL-E-5400, Class 1A

To designate the power divider desired use:

(1) -2 for 2 way, -4 for 4 way

Example: DSM-0520-2 is a 0.5 -2.0 GHz 2 way power divider.

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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