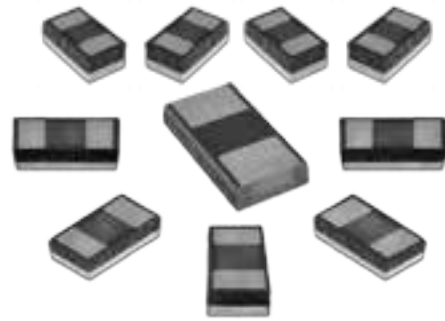


CVD DIAMOND CHIP RESISTORS

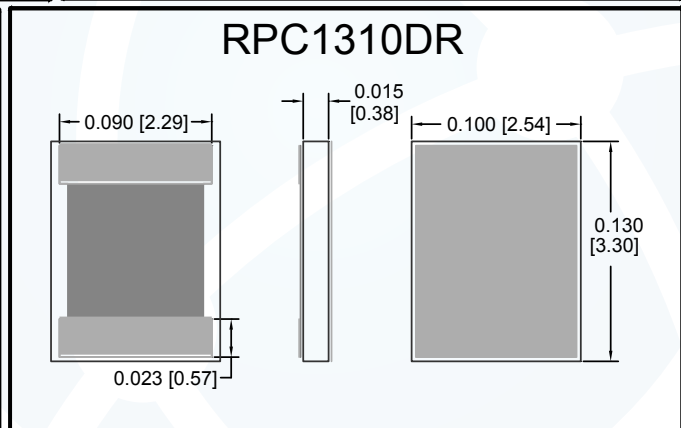
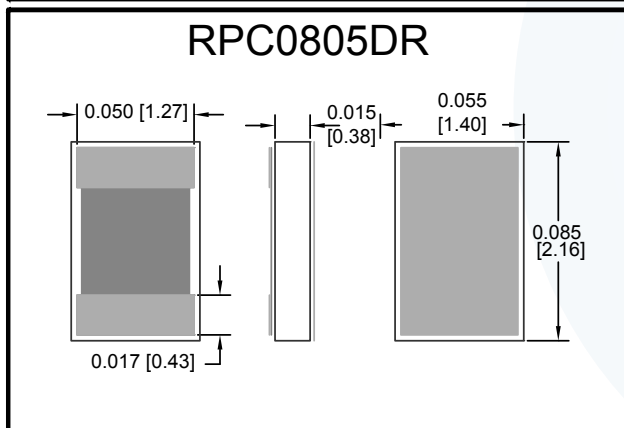
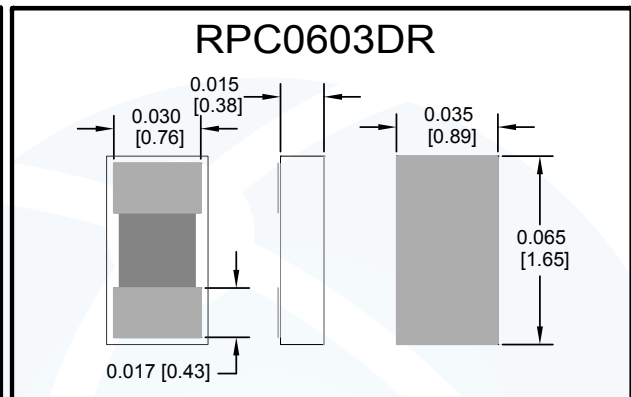
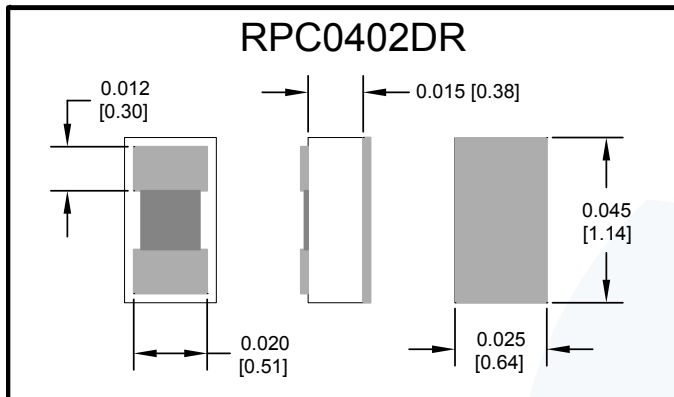
Res-Net CVD diamond resistors offer excellent power handling and high frequency performance. The superior thermal properties of CVD diamond (high conductivity and low expansion) makes these resistors ideal for pulsed power applications.



The mechanical and electrical characteristics of these chips provide a robust solution for many aerospace and military applications, while its production process keeps the cost competitive for commercial use.



Part Number	Size L x W x H (Inches)	Frequency (GHz)	Power (W)	Capacitance typ. (pF)
RPC0402DR	0.025 x 0.045 x 0.015	DC – 30	20	0.1
RPC0603DR	0.065 x 0.035 x 0.015	DC – 20	50	0.2
RPC0805DR	0.085 x 0.055 x 0.015	DC – 18	100	0.3
RPC1310DR	0.130 x 0.100 x 0.015	DC – 18	150	0.8



[Ordering Information on Page 82](#)

Dimensions are in inches [mm], Tolerance: .XXX = ±0.010, .XX = ±0.015