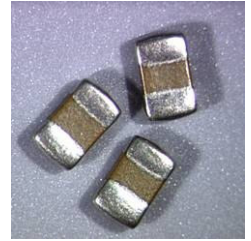




# 0603 BROADBAND BLOCKS

Low loss resonance free performance

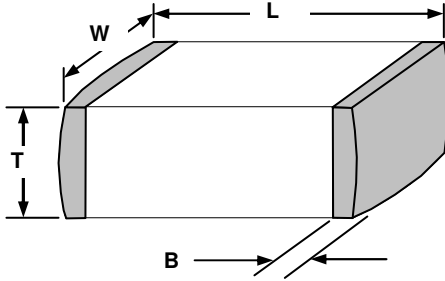


## FUNCTIONAL APPLICATIONS:

Fiber Optic Links, High Isolation Decoupling, LAN's, VCO Frequency Stabilization, Diplexers, RF/Microwave Modules, Instruments and Test Equipment.

## BENEFITS:

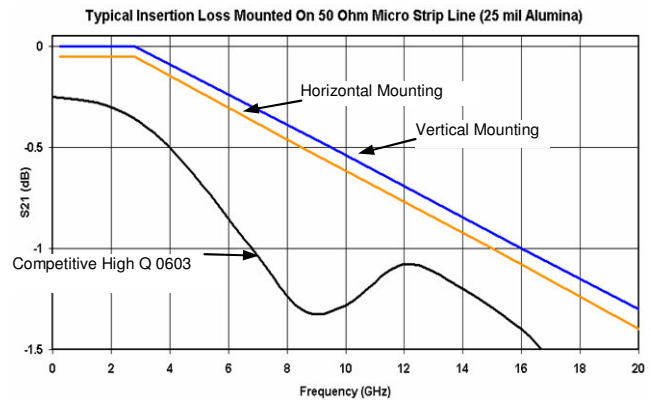
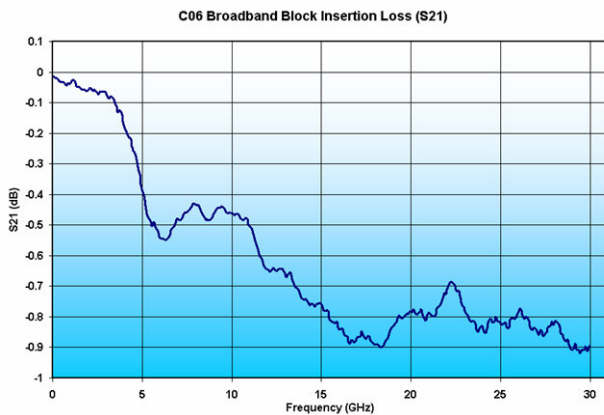
Resonance free DC Blocking / Decoupling.  
Less than 0.25 db loss @ 4 GHz (typical).  
Surface mountable.



Product Code	Body Dimensions			Band Dimensions
	Length (L)	Width (W)	Thickness (T)	Band (B)
C06 BL	.060" ± .006" (1.52 ± .152)	.030" ± .006" (.762 ± .152)	.030" (.762) Max.	.010" + .010" - .005" (.254 + .254 - .127)

Part Characteristics								
Part Number	Capacitance Guaranteed Minimum Value	Voltage Rating	Temperature Coefficient -55°C to 125°C	Maximum Dissipation Factor	Insulation Resistance (MΩ Minimum)	Aging Rate	Frequency Range	Metallization
C06BL851X-1UN-X0_	850pF @ 1KHz, .2Vrms	100 V dc	± 15%	3.0% @ 1KHz, 0.2 Vrms	10 <sup>4</sup>	<=1.5%/decade hours	2MHz – 30GHz	U-Term Ni/SnPb
C06BL851X-1SN-X0_								S-Term Ni/Au Flash
C06BL851X-1ZN-X0_								Z-Term Ni/Sn

## Performance Characteristics



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