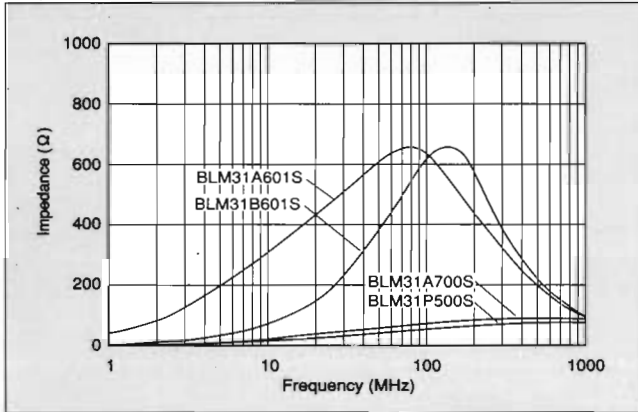




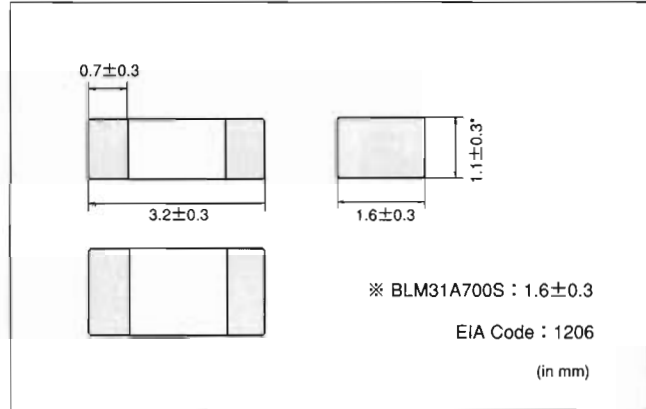
Chip Solid Inductor BLM31/41 Series

3.2mm × 1.6mm Size BLM31 Series

■ IMPEDANCE-FREQUENCY CHARACTERISTICS (TYPICAL)



■ DIMENSIONS



■ SPECIFICATIONS

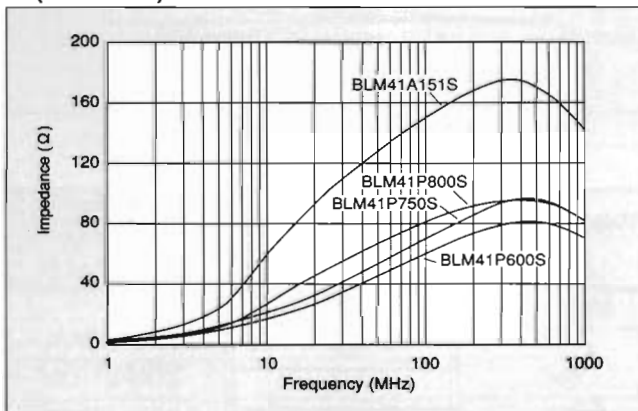
Part Number	Impedance (Ω)(Typ.) at 100MHz	Rated Current (mA)	DC Resistance (Ω max.)	Operating Temp. Range (°C)
BLM31P500S	50	3000**	0.03	-55 to +125
BLM31A260S	26	500	0.2	
BLM31A700S	70	200	0.5	
BLM31A601S	600		1.0	
BLM31B601S	600*	200	1.0	

* has sharp impedance characteristic suitable for high speed lines.

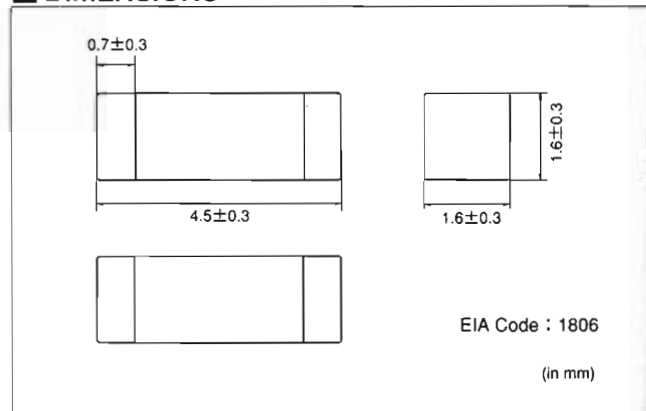
** BLM31P series : Please derate the maximum current, as shown in later page, for temperatures above +85°C.

4.5mm × 1.6mm Size BLM41 Series

■ IMPEDANCE-FREQUENCY CHARACTERISTICS (TYPICAL)



■ DIMENSIONS



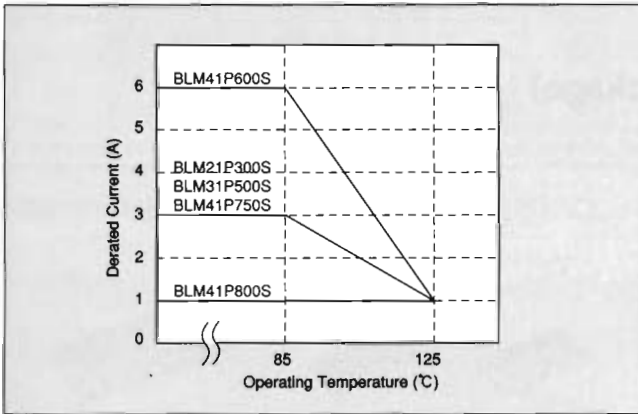
■ SPECIFICATIONS

Part Number	Impedance (Ω)(Typ.) at 100MHz	Rated Current (mA)	DC Resistance (Ω max.)	Operating Temp. Range (°C)
BLM41P600S	60	6000**	0.01	-55 to +125
BLM41P750S	75	3000**	0.03	
BLM41P800S	80	1000**	0.15	
BLM41A800S	80	500	0.3	
BLM41A151S	150	200	0.7	

** BLM41P series : Please derate the maximum current, as shown in later page, for temperatures above +85°C.

DERATING

When the BLM□□P series is used in operating temperatures exceeding +85°C, derating of current is necessary. Please apply the derating curve shown below according to the operating temperature.



EXAMPLE OF EMI SUPPRESSION IN PERSONAL COMPUTERS USING THE BLM SERIES

