

CHIP TYPE

Chip Solid Inductors BLM11/21/31/41 Series

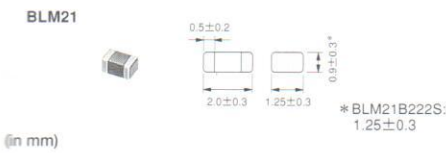
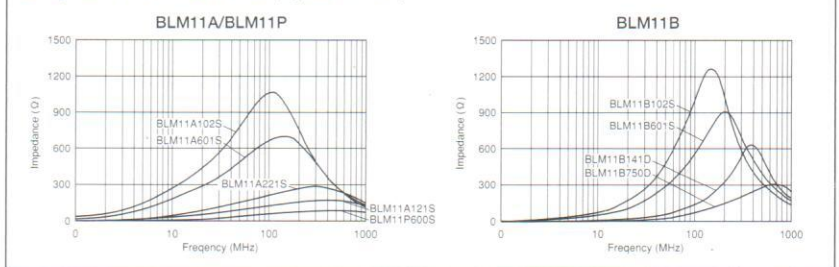


• 1.6mm×0.8mm Size BLM11 Series

Part Number	Maximum Signal Frequency (MHz)	Impedance (Ω) (TYP.) at 100MHz	Rated Current (mA)	DC Resistance (Ω Max.)	Operating Temp. Range (°C)
BLM11P300S	—	30	1000	0.1	-55 to +125
BLM11P600S	—	60	500	0.2	
BLM11A121S	—	120	200	0.2	
BLM11A221S	—	220		0.3	
BLM11A601S	—	600	100	0.7	
NEW BLM11A102S	—	1000		1.2	
BLM11B750D	100	75*	200	0.6	
BLM11B141D	50	140*		0.7	
BLM11B421S	20	420*			
NEW BLM11B601S	20	600*	100	1.2	
NEW BLM11B102S	10	1000*	100		

* has sharp impedance characteristic suitable for high speed lines.

Impedance Characteristics (Typical values)



• 2.0mm×1.25mm Size BLM21 Series

Part Number	Maximum Signal Frequency (MHz)	Impedance (Ω) (TYP.) at 100MHz	Rated Current (mA)	DC Resistance (Ω Max.)	Operating Temp. Range (°C)
NEW BLM21P300S	—	30	3000**	0.03	-55 to +125
BLM21A121S	—	120	200	0.6	
BLM21A401S	—	400		1.0	
BLM21A601S	—	600	500	1.5	-55 to +85
BLM21A102S	—	1000		0.6	
BLM21B050S	—	5*	200	0.2	-55 to +125
BLM21B201S	50	200*		0.7	
NEW BLM21B601S	20	600*	200	0.5	
BLM21B751S	20	750*		0.7	
BLM21B102S	10	1000*		0.6	
BLM21B222S	5	2250*		0.8	

* has sharp impedance characteristic suitable for high speed lines.

** BLM21P series need to derate their rated current. For details, please see individual catalogs or please contact us.

Applications

• Computers and peripherals, digital TVs/VCRs and communication equipment

* Please confirm signal waveforms on using high impedance products.

Features

• BLM□□A series-Standard

The BLM-A series generates an impedance down to relatively low frequencies. The impedance consists of a resistance element and prevents signal ringing. Various impedances are available to match signal frequency.

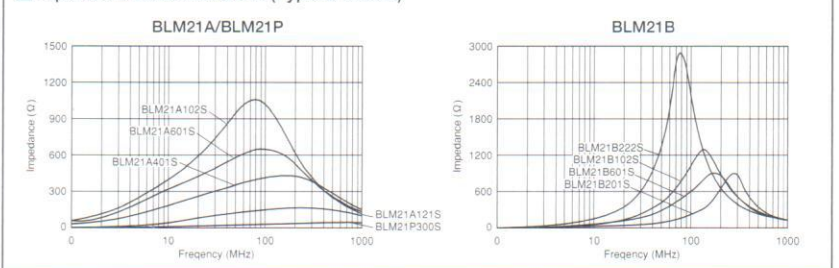
• BLM□□B series-High frequency

The BLM-B series can minimize attenuation of the signal wave form due to its sharp impedance characteristics. Maximum signal frequencies ranging from 10MHz to 100MHz are available.

• BLM□□P series-High current

The BLM-P series can be used in high current circuits due to its low DC resistance. It can match power lines to a maximum of 6A DC.

Impedance Characteristics (Typical values)



BLM
NOTE

NOTICE OF BLM SERIES PART NUMBER CHANGE

Part numbering of BLM series has changed. Three digits in the latter half of part number indicate the typical impedance at 100MHz. Please use new part numbers when ordering.