



This new series of solid, ferrite chips for surface mount applications is designed to reduce the possibility of spurious oscillation in high frequency amplifying circuits and operate effectively from several MHz to several hundreds of MHz. Because of their small size, they are mountable on 2.5 mm c-c pitch thus saving considerable PCB space.

FEATURES

- Surface mountable on 2.5 mm pitch (BLM21 Series 2.0mm).
- No stray capacitance to 1 GHz.
- Wide temperature range: -55°C to +125°C
(BLM550 -25°C to +85°C).
- Effective noise suppression to several hundreds of MHz.
- Prevents oscillation in HF amplifiers.
- Nickel barrier for solder heat resistance.
- Suitable for both flow and reflow soldering applications
(BLM550 - Reflow only)

DIMENSIONS: in. (mm)

ELECTRICAL CHARACTERISTICS

	Part Number*	Characteristics		
		Impedance (Ω) (Typ.) at 100MHz	Rated Current (mA)	DC Resistance (Ω max.)
	★BLM11A12	220	200	0.5
	★BLM21B03	5 (27 @ 1GHz)	500	0.2
	★BLM21A05	120	200	0.6
	★BLM21A11	300	200	1.0
	★BLM21A10	600	200	1.5
	★BLM31A02	70	200	0.5
	★BLM32A06	600	200	1.0
	★BLM32A07	600	200	1.0
	★BLM41A01	80	500	0.3
	★BLM41A04	150	200	0.7
	★BLM550RA01	2000	500	0.7

*All values are standard through authorized Murata Electronics Distributors: Standard packaging is tape and reel.

BLM11/21/31/32/41 — Suffix=PB=Bulk, Suffix=PT=Tape & Reel
BLM550 — Suffix=B1=Bulk, Suffix=T1=Tape & Reel

IMPEDANCE VS. FREQUENCY CHARACTERISTICS (TYP.)

