

Single-line, High Impedance Wound Chip Beads/Chokes (Distribution / MBC – Series)

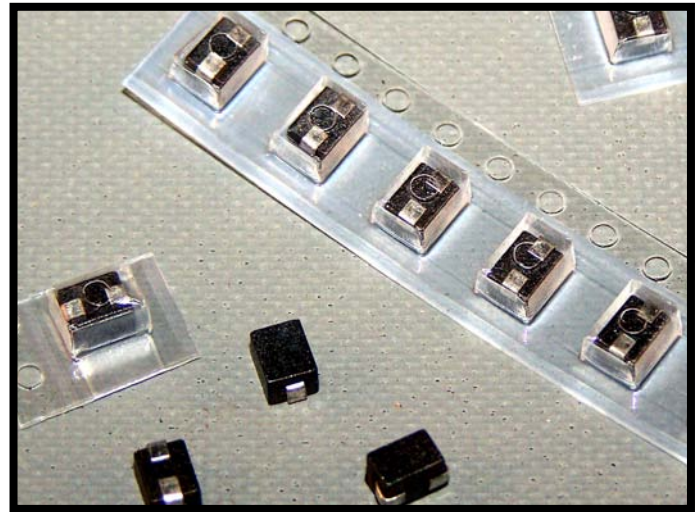
Product Summary

A High-Current (6 Amps), monolithic block for on-board solder mount EMI suppression , T+R. available in 3 sizes, all 6A peak.

Product Application

MAJR's board-mounted ferrite designed to provide economical EMI filtering of differential noise. Their rugged construction provides superior protection against transient events as well as much higher peak current handling capability than other EMI suppression devices. Available from stock in 3 sizes providing up to 90Ω @ 100MHz. RoHS compliant.

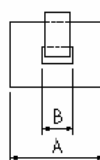
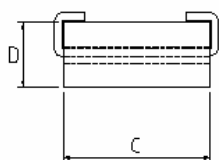
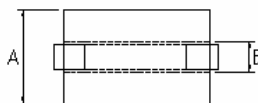
MBC-Series are supplied on tape and reel from stock.



Product Technical Data

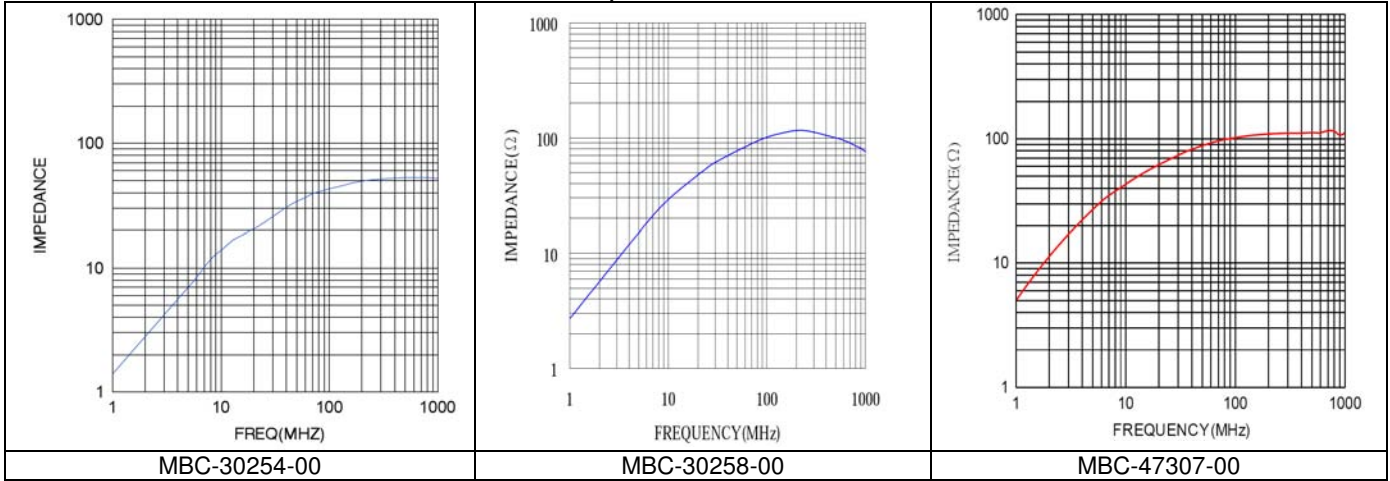
	P/N	A	B	C	D	Impedance In OHMS		
						25 MHz	100 MHz	Peak
1	MBC-30254-00	3 m/m	1.45 m/m	4 m/m	2.55 m/m	$Z_1 = 20^{\circ}$	$Z_2 = 35^{\circ}$	50 OHM @ 500 MHZ
2	MBC-30258-00	3 m/m	1.45 m/m	8.5 m/m	2.55 m/m	$Z_1 = 50^{\circ}$	$Z_2 = 85^{\circ}$	100 OHM @ 200 MHZ
3	MBC-47307-00	4.75 m/m	1.45 m/m	7.8 m/m	3 m/m	$Z_1 = 55^{\circ}$	$Z_2 = 90^{\circ}$	100 OHM @ 750 MHZ

Figures 1-3



Single-line, High Impedance Wound Chip Beads/Chokes (Distribution / MBC – Series) (Cont.)

Impedance Chart



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