

BMC SERIES MULTILAYER FERRITE BEADS

TE Connectivity (TE)'s BMC series of multilayer ferrite beads cover a wide range of impedance characteristics. The chip beads have a monolithic inorganic material construction that reduces the effect of electromagnetic interference (EMI) and high-frequency noise in electronic circuits.

A ferrite bead can be added to an inductor to improve the ability to block unwanted high frequency noise. First, the ferrite concentrates the magnetic field, increasing inductance and therefore reactance, which impedes or 'filters out' the noise. Second, if the ferrite is so designed, it can produce an additional loss in the form of resistance in the ferrite itself. This series is offered in 0402, 0603, 0805, 1204 and 1210 package sizes.

The BMC series is promoted as a direct replacement to our recently discontinued legacy product BMB series.

BENEFITS

- Effective EMI protection
- Low DC resistance
- High soldering heat resistance
- Multiple size availability

APPLICATIONS

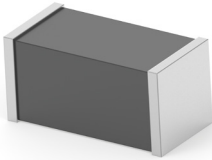
- Cellular phones
- Computers and peripheral equipment
- Automation controls
- Sensors
- VCRS, television, pagers
- Circuits, where a stable ground is unavailable

BMC Series Multilayer Ferrite Beads

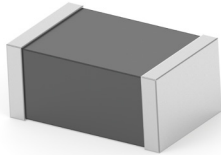
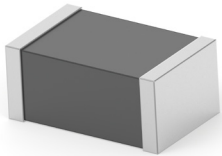
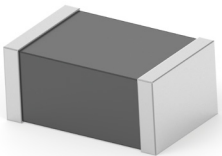
PART NUMBER LIST

Key Shot	Base PN	TCPN	Description
	<p>2176491</p>	2176491-1	BMC 0201 10R 25% A Gen C
		2176491-2	BMC 0201 30R 25% A Gen C
		2176491-3	BMC 0201 33R 25% A Gen C
		2176491-4	BMC 0201 40R 25% A Gen C
		2176491-5	BMC 0201 50R 25% A Gen C
		2176491-6	BMC 0201 60R 25% A Gen C
		2176491-7	BMC 0201 70R 25% A Gen C
		2176491-8	BMC 0201 100R 25% A Gen C
		2176491-9	BMC 0201 120R 25% A Gen C
		1-2176491-0	BMC 0201 150R 25% A Gen C
		1-2176491-1	BMC 0201 220R 25% A Gen C
		1-2176491-2	BMC 0201 300R 25% A Gen C
			<p>2176492</p>
2176492-2	BMC 0402 30R 25% A Gen C		
2176492-3	BMC 0402 40R 25% A Gen C		
2176492-4	BMC 0402 60R 25% A Gen C		
2176492-5	BMC 0402 68R 25% A Gen C		
2176492-6	BMC 0402 70R 25% A Gen C		
2176492-7	BMC 0402 80R 25% A Gen C		
2176492-8	BMC 0402 100R 25% A Gen C		
2176492-9	BMC 0402 120R 25% A Gen C		
1-2176492-0	BMC 0402 150R 25% A Gen C		
1-2176492-1	BMC 0402 180R 25% A Gen C		
1-2176492-2	BMC 0402 220R 25% A Gen C		
1-2176492-3	BMC 0402 240R 25% A Gen C		
1-2176492-4	BMC 0402 300R 25% A Gen C		
1-2176492-5	BMC 0402 330R 25% A Gen C		
1-2176492-6	BMC 0402 430R 25% A Gen C		
1-2176492-7	BMC 0402 470R 25% A Gen C		
1-2176492-8	BMC 0402 500R 25% A Gen C		
1-2176492-9	BMC 0402 600R 25% A Gen C		
2-2176492-0	BMC 0402 1K0 25% A Gen C		

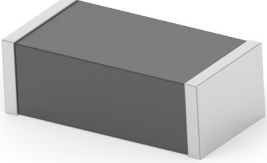
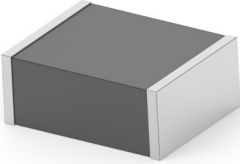
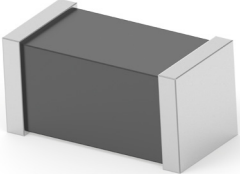
BMC Series Multilayer Ferrite Beads

Key Shot	Base PN	TCPN	Description
	<u>2176493</u>	2176493-1	BMC 0603 19R 25% A Gen C
		2176493-2	BMC 0603 31R 25% A Gen C
		2176493-3	BMC 0603 52R 25% A Gen C
		2176493-4	BMC 0603 60R 25% A Gen C
		2176493-5	BMC 0603 75R 25% A Gen C
		2176493-6	BMC 0603 80R 25% A Gen C
		2176493-7	BMC 0603 100R 25% A Gen C
		2176493-8	BMC 0603 120R 25% A Gen C
		2176493-9	BMC 0603 150R 25% A Gen C
		1-2176493-0	BMC 0603 180R 25% A Gen C
		1-2176493-1	BMC 0603 200R 25% A Gen C
		1-2176493-2	BMC 0603 220R 25% A Gen C
		1-2176493-3	BMC 0603 240R 25% A Gen C
		1-2176493-4	BMC 0603 300R 25% A Gen C
		1-2176493-5	BMC 0603 400R 25% A Gen C
		1-2176493-6	BMC 0603 420R 25% A Gen C
		1-2176493-7	BMC 0603 450R 25% A Gen C
		1-2176493-8	BMC 0603 600R 25% A Gen C
		1-2176493-9	BMC 0603 750R 25% A Gen C
		2-2176493-0	BMC 0603 1K0 25% A Gen C
2-2176493-1	BMC 0603 1K0 25% A Gen C1		
2-2176493-2	BMC 0603 1K5 25% A Gen C		

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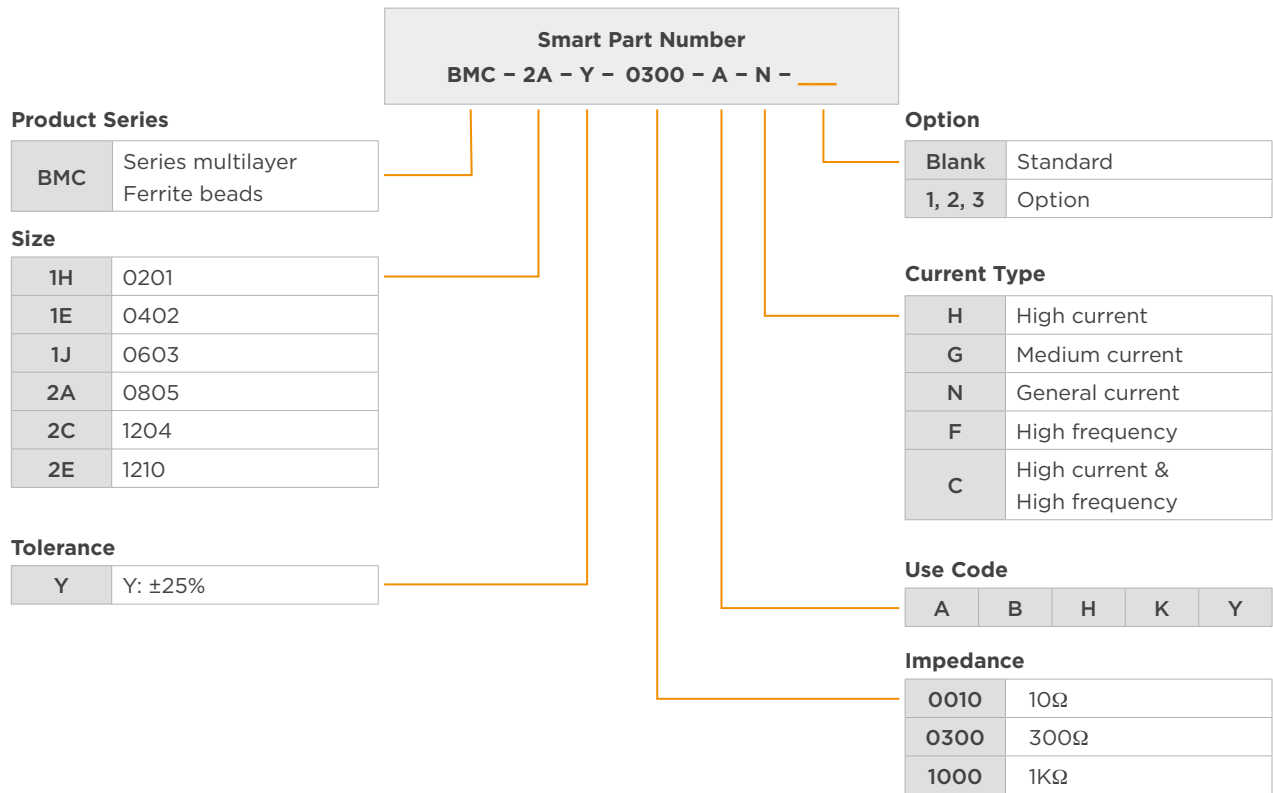
Key Shot	Base PN	TCPN	Description
	<u>2176486</u>	2176486-6	BMC 0805 17R 25% A Gen C
		2176486-7	BMC 0805 26R 25% A Gen C
		2176486-8	BMC 0805 30R 25% A Gen C
		2176486-9	BMC 0805 31R 25% A Gen C
		1-2176486-0	BMC 0805 52R 25% A Gen C
		1-2176486-1	BMC 0805 60R 25% A Gen C
		1-2176486-2	BMC 0805 80R 25% A Gen C
		1-2176486-3	BMC 0805 100R 25% A Gen C
		2176486-2	BMC 0805 120R 25% A Gen C
		1-2176486-4	BMC 0805 150R 25% A Gen C
		2176486-3	BMC 0805 220R 25% A Gen C
		2176486-4	BMC 0805 300R 25% A Gen C
		1-2176486-5	BMC 0805 400R 25% A Gen C
		1-2176486-6	BMC 0805 470R 25% A Gen C
		1-2176486-7	BMC 0805 530R 25% A Gen C
		2176486-5	BMC 0805 600R 25% A Gen C
		2176486-1	BMC 0805 1K0 25% A Gen C
		1-2176486-8	BMC 0805 1K5 25% A Gen C
	<u>2176487</u>	2176487-1	BMC 0805 60R 25% A Med C
		2176487-2	BMC 0805 300R 25% A Med C
	<u>2176488</u>	2176488-1	BMC 0805 600R 25% K Gen C

BMC Series Multilayer Ferrite Beads

Key Shot	Base PN	TCPN	Description
	<p><u>2176494</u></p>	2176494-1	BMC 1204 19R 25% A Gen C
		2176494-2	BMC 1204 26R 25% A Gen C
		2176494-3	BMC 1204 31R 25% A Gen C
		2176494-4	BMC 1204 52R 25% A Gen C
		2176494-5	BMC 1204 60R 25% A Gen C
		2176494-6	BMC 1204 70R 25% A Gen C
		2176494-7	BMC 1204 100R 25% A Gen C
		2176494-8	BMC 1204 120R 25% A Gen C
		2176494-9	BMC 1204 150R 25% A Gen C
		1-2176494-0	BMC 1204 220R 25% A Gen C
		1-2176494-1	BMC 1204 300R 25% A Gen C
		1-2176494-2	BMC 1204 400R 25% A Gen C
		1-2176494-3	BMC 1204 600R 25% A Gen C
		1-2176494-4	BMC 1204 750R 25% A Gen C
		1-2176494-5	BMC 1204 800R 25% A Gen C
		1-2176494-6	BMC 1204 1K0 25% A Gen C
		1-2176494-7	BMC 1204 1K2 25% A Gen C
	<p><u>2176495</u></p>	2176495-1	BMC 1210 31R 25% A Gen C
		2176495-2	BMC 1210 52R 25% A Gen C
		2176495-3	BMC 1210 60R 25% A Gen C
	<p><u>2176496</u></p>	2176496-1	BMC 0402 120R 25% A Med C

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ORDERING INFORMATION



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