

Multilayer Ferrite Chip Beads



Model PMC Series is obsolete, and not recommended for new designs. The Bourns equivalents shown in the table are preferred.

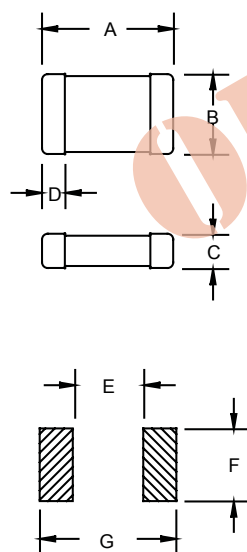
Special Features

- High impedance
- Reduce high frequency noise interference
- Multilayer construction for high reliability
- Solder coated terminals for wave and reflow solder
- Operating temperature: -55 to +125 °C

Notes

- * Current to cause 20 °C max. temperature rise

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.



Pad Layout

Part Number	PMC				Bourns Equivalen
	Z (Ω) ±25 %	Test Freq. (MHz)	DCR (Ω) Max.	I, DC* (mA)	
PMC0402-100-RC	10	100	0.10	500	MU1005
PMC0402-300-RC	30	100	0.20	300	
PMC0402-600-RC	60	100	0.25	300	
PMC0402-121-RC	120	100	0.30	100	
PMC0402-241-RC	240	100	0.40	100	
PMC0402-301-RC	300	100	0.50	100	
PMC0402-601-RC	600	100	1.1	50	
PMC0402-102-RC	1000	100	1.5	50	MG, MU, MZ1608
PMC0603-300-RC	30	100	0.2	200	
PMC0603-600-RC	60	100	0.2	200	
PMC0603-101-RC	100	100	0.3	200	
PMC0603-121-RC	120	100	0.4	200	
PMC0603-151-RC	150	100	0.4	100	
PMC0603-221-RC	220	100	0.5	200	
PMC0603-301-RC	300	100	0.6	100	
PMC0603-601-RC	600	100	0.8	100	
PMC0603-102-RC	1000	100	1.0	100	
PMC0603-152-RC	1500	100	1.0	50	MG, MU, MZ2029
PMC0603-202-RC	2000	100	1.0	50	
PMC0805-100-RC	10	100	0.2	500	
PMC0805-300-RC	30	100	0.3	400	
PMC0805-600-RC	60	100	0.3	400	
PMC0805-101-RC	100	100	0.4	400	
PMC0805-121-RC	120	100	0.3	300	
PMC0805-151-RC	150	100	0.5	200	
PMC0805-221-RC	220	100	0.5	200	
PMC0805-301-RC	300	100	0.5	200	
PMC0805-601-RC	600	100	1.0	100	MG, MU, MZ3261
PMC0805-102-RC	1000	100	1.0	100	
PMC0805-152-RC	1500	100	1.0	100	
PMC0805-202-RC	2000	100	1.5	100	
PMC1206-300-RC	30	100	0.2	500	
PMC1206-600-RC	60	100	0.3	400	
PMC1206-750-RC	75	100	0.3	400	
PMC1206-101-RC	100	100	0.3	400	
PMC1206-121-RC	120	100	0.3	400	
PMC1206-151-RC	150	100	0.5	400	
PMC1206-221-RC	220	100	0.5	400	
PMC1206-301-RC	300	100	0.5	200	
PMC1206-601-RC	600	100	0.5	200	
PMC1206-102-RC	1000	50	1.0	100	
PMC1206-152-RC	1500	50	1.0	100	
PMC1206-202-RC	2000	30	0.6	100	

“-RC” suffix indicates RoHS compliance.

Dimensions: mm

Chip Size	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Dim. F	Dim. G	Reel Size
PMC0402	1.00	0.50	0.50	0.25	0.4	0.5	1.4	10,000
PMC0603	1.60	0.80	0.80	0.5	0.6	0.8	2.6	4000
PMC0805	2.00	1.25	0.90	0.5	1.0	1.0	3.0	4000
PMC1206	3.20	1.60	1.10	0.5	2.2	1.4	4.4	3000

Mouser Electronics

Authorized Distributor

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Bourns:

<u>PMC1206-152</u>	<u>PMC1206-151</u>	<u>PMC0402-301</u>	<u>PMC0402-300</u>	<u>PMC0603-102</u>	<u>PMC0603-101</u>	<u>PMC0603-151</u>
<u>PMC0603-152</u>	<u>PMC0805-300</u>	<u>PMC0805-301</u>	<u>PMC0402-102</u>	<u>PMC0402-100</u>	<u>PMC0402-121</u>	<u>PMC0402-600</u>
<u>PMC0402-601</u>	<u>PMC0402-241</u>	<u>PMC1206-601</u>	<u>PMC1206-600</u>	<u>PMC0805-151</u>	<u>PMC0805-152</u>	<u>PMC0603-601</u>
<u>PMC0603-600</u>	<u>PMC0805-101</u>	<u>PMC0805-100</u>	<u>PMC0805-102</u>	<u>PMC1206-101</u>	<u>PMC1206-102</u>	<u>PMC1206-301</u>
<u>PMC1206-300</u>	<u>PMC0603-301</u>	<u>PMC0603-300</u>	<u>PMC0805-600</u>	<u>PMC0805-202</u>	<u>PMC0805-601</u>	<u>PMC1206-202</u>
<u>PMC0603-202</u>	<u>PMC0402-601-RC</u>	<u>PMC1206-300-RC</u>	<u>PMC1206-151-RC</u>	<u>PMC1206-301-RC</u>	<u>PMC0805-202-RC</u>	
<u>PMC0402-300-RC</u>	<u>PMC1206-101-RC</u>	<u>PMC0805-300-RC</u>	<u>PMC0402-241-RC</u>	<u>PMC1206-202-RC</u>	<u>PMC0805-301-RC</u>	
<u>PMC0402-100-RC</u>	<u>PMC1206-600-RC</u>	<u>PMC0603-202-RC</u>	<u>PMC0805-600-RC</u>	<u>PMC0603-301-RC</u>	<u>PMC0805-102-RC</u>	
<u>PMC0805-152-RC</u>	<u>PMC0603-300-RC</u>	<u>PMC0805-151-RC</u>	<u>PMC0603-600-RC</u>	<u>PMC0805-601-RC</u>	<u>PMC0805-101-RC</u>	
<u>PMC0603-152-RC</u>	<u>PMC1206-750-RC</u>	<u>PMC0402-301-RC</u>	<u>PMC0402-121-RC</u>	<u>PMC0805-100-RC</u>	<u>PMC0603-102-RC</u>	
<u>PMC0402-102-RC</u>	<u>PMC0402-600-RC</u>	<u>PMC0603-151-RC</u>	<u>PMC1206-152-RC</u>	<u>PMC0603-601-RC</u>	<u>PMC0603-101-RC</u>	
<u>PMC1206-601-RC</u>	<u>PMC1206-102-RC</u>					