

阅读申明

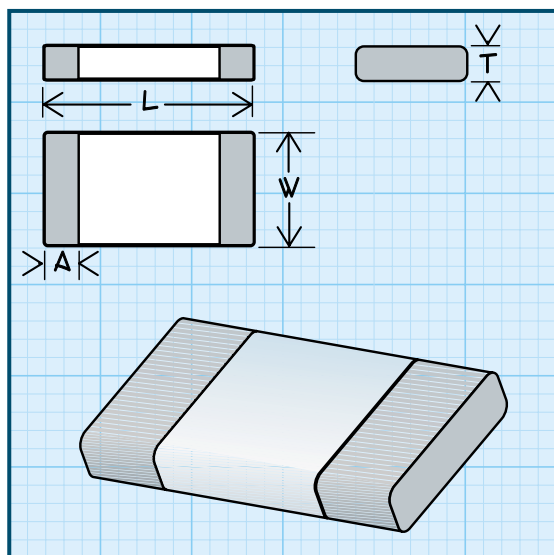
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EMI Chip Beads

0603, 0805, 1206, 1210, 1806, 1812



Small size utilizing a monolithic ferrite structure which results in excellent magnetic shielding.

Operating Temperature Range -55°C to +125°C

Terminations 90/10 tin-lead solder coating over a nickel barrier. Suitable for flow & reflow soldering application.

Current Rating The current at which the Impedance will change by a maximum of $\pm 25\%$.

Z vs. f Graphs See factory website

Note * Test Frequency for EMI 1206-1500 = 50 MHz

** Test Frequency for EMI 1206-2000 = 30 MHz

PART NUMBER	IMPEDANCE @ 100 MHz (OHMS) $\pm 25\%$	DC RESISTANCE (OHMS) Max	CURRENT RATING MAXIMUM (mA)
EMI 0603-60	60	0.10	600
EMI 0603-68	68	0.10	600
EMI 0603-80	80	0.10	400
EMI 0603-120	120	0.15	400
EMI 0603-220	220	0.30	300
EMI 0603-300	300	0.35	300
EMI 0603-450	450	0.40	300
EMI 0603-600	600	0.45	200
EMI 0603-750	750	0.60	100
EMI 0603-1000	1000	0.60	100
EMI 0805-11	11	0.05	600
EMI 0805-40	40	0.05	600
EMI 0805-90	90	0.10	600
EMI 0805-120	120	0.15	500
EMI 0805-150	150	0.15	500
EMI 0805-220	220	0.22	500
EMI 0805-300	300	0.20	500
EMI 0805-400	400	0.30	500
EMI 0805-600	600	0.30	500
EMI 0805-1000	1000	0.35	300
EMI 0805-1500	1500	0.40	200
EMI 0805-2000	2000	0.50	200
EMI 1206-31	31	0.05	600
EMI 1206-50	50	0.10	600
EMI 1206-70	70	0.10	600
EMI 1206-90	90	0.15	500
EMI 1206-120	120	0.15	500
EMI 1206-150	150	0.15	500
EMI 1206-200	200	0.20	500
EMI 1206-300	300	0.20	500
EMI 1206-600	600	0.30	500
EMI 1206-800	800	0.30	200
EMI 1206-1000	1000	0.40	200
EMI 1206-1200	1200	0.40	200
EMI 1206-1500*	1500	0.50	200
EMI 1206-2000**	2000	0.50	200
EMI 1210-60	60	0.30	400
EMI 1806-80	80	0.10	400
EMI 1806-105	100	0.20	300
EMI 1806-150	150	0.30	200
EMI 1812-125	120	0.40	200

Additional values available - contact factory for your application

SUPPRESSORS

Physical Parameters and Packaging

	EMI 0603	EMI 0805	EMI 1206	EMI 1210	EMI 1806	EMI 1812
Dimensions						
L - inches (mm)	0.063 \pm 0.006 (1.6 \pm 0.15)	0.079 \pm 0.008 (2.0 \pm 0.2)	0.126 \pm 0.008 (3.2 \pm 0.2)	0.126 \pm 0.008 (3.2 \pm 0.2)	0.177 \pm 0.010 (4.5 \pm 0.25)	0.177 \pm 0.010 (4.5 \pm 0.25)
W - inches (mm)	0.031 \pm 0.006 (0.8 \pm 0.15)	0.049 \pm 0.008 (1.25 \pm 0.2)	0.063 \pm 0.008 (1.6 \pm 0.2)	0.098 \pm 0.008 (2.5 \pm 0.2)	0.063 \pm 0.008 (1.6 \pm 0.2)	0.126 \pm 0.010 (3.2 \pm 0.25)
T - inches (mm)	0.031 \pm 0.006 (0.8 \pm 0.15)	0.035 \pm 0.008 (0.9 \pm 0.2)	0.043 \pm 0.008 (1.1 \pm 0.2)	0.051 \pm 0.008 (1.3 \pm 0.2)	0.063 \pm 0.008 (1.6 \pm 0.2)	0.059 \pm 0.010 (1.5 \pm 0.25)
A - inches (mm)	0.012 \pm 0.008 (0.3 \pm 0.20)	0.020 \pm 0.012 (0.50 \pm 0.300)	0.020 \pm 0.012 (0.50 \pm 0.300)	0.020 \pm 0.012 (0.50 \pm 0.300)	0.022 \pm 0.016 (0.60 \pm 0.400)	0.022 \pm 0.016 (0.60 \pm 0.400)
Packaging Tape & reel (12mm); max. pieces per reel as follows						
	4000	4000	3000	2000	2000	1000