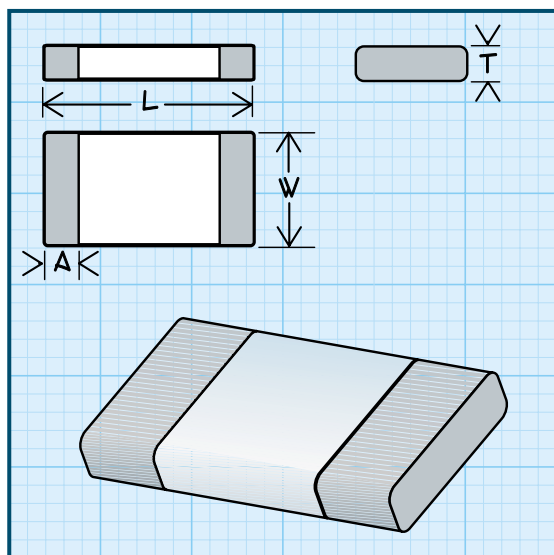


EMI Chip Beads

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