



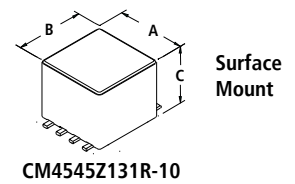
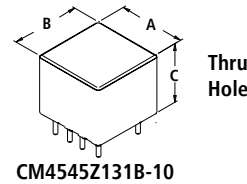
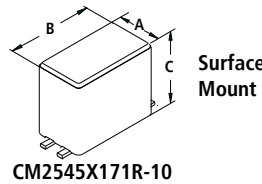
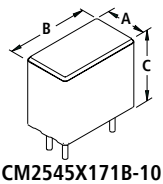
Common Mode Array - Series 45

- Can Be Installed In A Two Turn Configuration To Multiply Impedance
- Can Be Used In 3 Phase Applications
- 10 Amps Continuous Operating Capability

The Series 45 Common Mode Arrays offer compact filtering of common mode noise in applications carrying up to 10 amps continuous current. This product series provides the flexibility of filtering 3-phase power supply without impact on common mode filtering performance, as all conductors share a common magnetic circuit. Additionally, the 4-line array can be configured to offer over 500 Ω peak impedance for a normal 2-line circuit. Both Thru-Hole (B) & Surface Mount (R) versions available.

PART NUMBER SYSTEM EXAMPLE

CM	2545	X	171	B	-10
Product Series Code	Part Size Code	Rated Current Code	Impedance Value Code	Packaging Code	Additional Description



Part Number	TYPICAL IMPEDANCE (Ω)				Typical Peak Impedance (Ω)	Typical Peak Impedance Frequency (MHz)	DCR MAX (Ω)	Rated I Max (continuous) mA
	Z @ 25 MHz	Z @ 100 MHz	Z @ 500 MHz	Z @ 1 GHz				
CM2545X171B-10	108	170	210	180	210	500	0.0100	10,000
CM2545X171R-10	108	170	210	180	210	500	0.0100	10,000
CM4545Z131B-10	65	130	267	256	288	682	0.0100	10,000
CM4545Z131R-10	65	130	267	256	288	682	0.0100	10,000

Part Number	# of Chokes	A mm (inches)	B mm (inches)	C mm (inches)
CM2545X171B-10	1	6.30 (0.248)	11.38 (0.448)	9.32 (0.367)
CM2545X171R-10	1	6.30 (0.248)	11.38 (0.448)	9.32 (0.367)
CM4545Z131B-10	2	11.38 (0.448)	11.38 (0.448)	9.32 (0.367)
CM4545Z131R-10	2	11.38 (0.448)	11.38 (0.448)	9.32 (0.367)

