

Common Mode Array - Series 32



- Up to 8 Amps Continuous Operating Capability
- 2, 3 & 4 Choke Array Versions

- Low Normal Mode Impedance at 100 MHz
- Surface Mount
- Stable Performance Under Load

PART NUMBER SYSTEM EXAMPLE

CM	3032	V	121	R	-10
Product Series Code	Part Size Code	Rated Current Code	Impedance Value Code	Packaging Code	Additional Description



Part Number	ONE PASS TYPICAL IMPEDANCE (Ω)				ONE PASS TYPICAL PEAK		DCR MAX (Ω)	Rated I MAX (continuous) mA
	Z @ 25 MHz	Z @ 100 MHz	Z @ 500 MHz	Z @ 1 GHz	Impedance (Ω)	Impedance Frequency (MHz)		
CM3032V121R-10	80	120	130	140	169	200	0.0100	8,000
CM3032V201R-10	143	200	210	199	214	319	0.0100	8,000
CM3032V301R-10	211	300	280	224	307	214	0.0100	8,000
CM4732V201R-10	152	200	218	187	229	241	0.0100	8,000
CM4732V301R-10	217	300	250	172	328	168	0.0100	8,000
CM6032V201R-10	140	200	219	213	219	500	0.0100	8,000
CM6032V301R-10	240	300	258	170	346	149	0.0100	8,000

Part Number	Fig #	# of Chokes	A mm (inches)	B mm (inches)	C mm (inches)
CM3032V121R-10	1	2	7.62 (0.300)	8.13 (0.320)	5.72 (0.225)
CM3032V201R-10	1	2	7.62 (0.300)	8.13 (0.320)	9.45 (0.372)
CM3032V301R-10	1	2	7.62 (0.300)	8.13 (0.320)	14.48 (0.570)
CM4732V201R-10	2	3	11.94 (0.470)	8.13 (0.320)	9.45 (0.372)
CM4732V301R-10	2	3	11.94 (0.470)	8.13 (0.320)	14.48 (0.570)
CM6032V201R-10	3	4	15.24 (0.600)	8.13 (0.320)	9.45 (0.372)
CM6032V301R-10	3	4	15.24 (0.600)	8.13 (0.320)	14.48 (0.570)

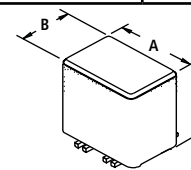


Figure 1
Two Chokes

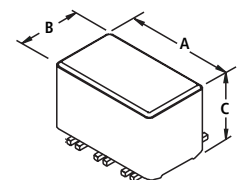


Figure 2
Three Chokes

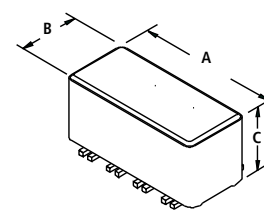


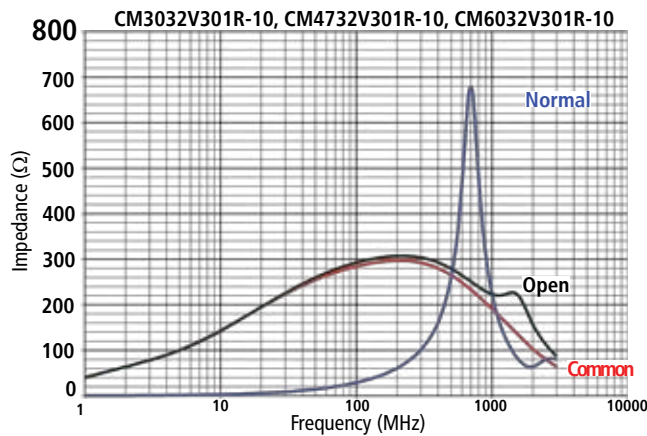
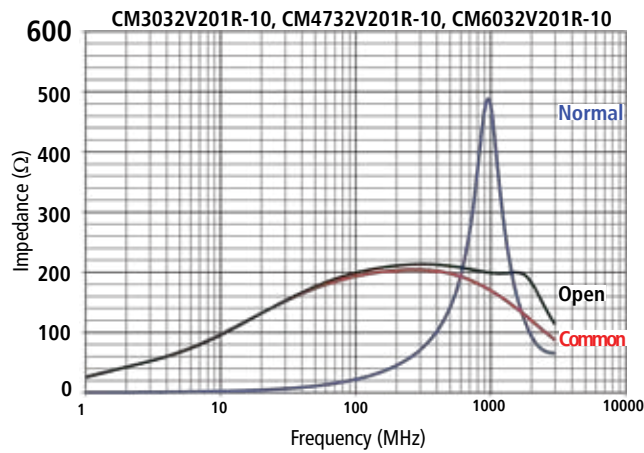
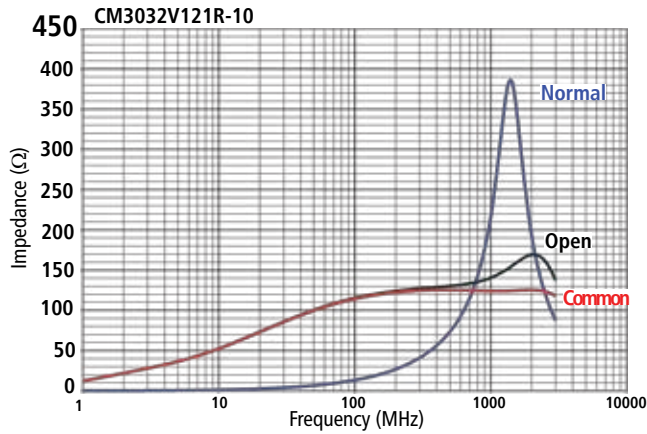
Figure 3
Four Chokes

Side by side arrays can be installed in series to multiply impedance

Part Number	# of Chokes	TYPICAL IMPEDANCE (Ω) FOR MULTIPLE PASS BOARD LAYOUT OPTIONS											
		One Pass			Two Pass			Three Pass			Four Pass		
		100 MHz	500 MHz	1 GHz	100 MHz	500 MHz	1 GHz	100 MHz	500 MHz	1 GHz	100 MHz	500 MHz	1 GHz
CM3032V121R-10	2	120	130	140	266	284	241	-	-	-	-	-	-
CM3032V201R-10	2	200	210	199	432	300	175	-	-	-	-	-	-
CM3032V301R-10	2	300	280	224	631	251	156	-	-	-	-	-	-
CM4732V201R-10	3	200	218	187	491	317	182	771	331	194	-	-	-
CM4732V301R-10	3	300	250	172	684	258	156	967	278	172	-	-	-
CM6032V201R-10	4	200	219	213	472	313	179	737	315	193	995	358	250
CM6032V301R-10	4	300	258	170	681	266	161	926	273	167	1075	317	300

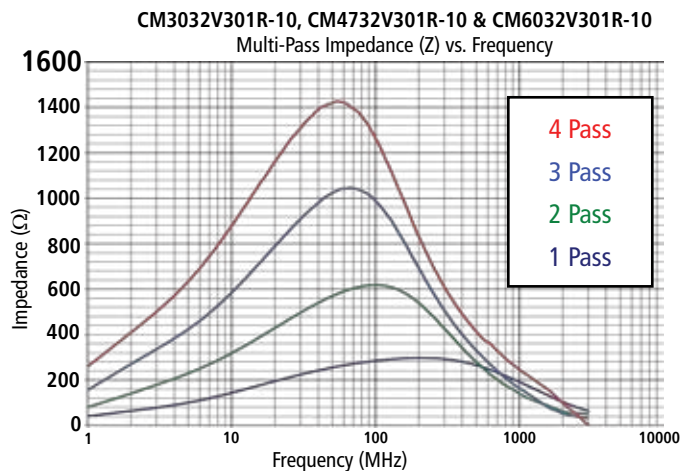
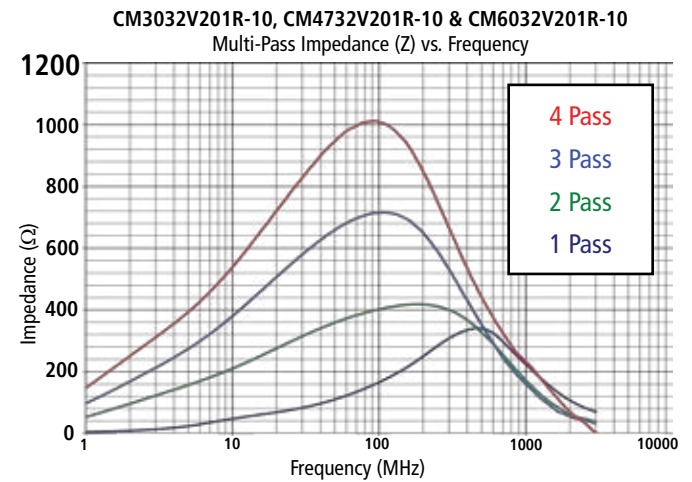
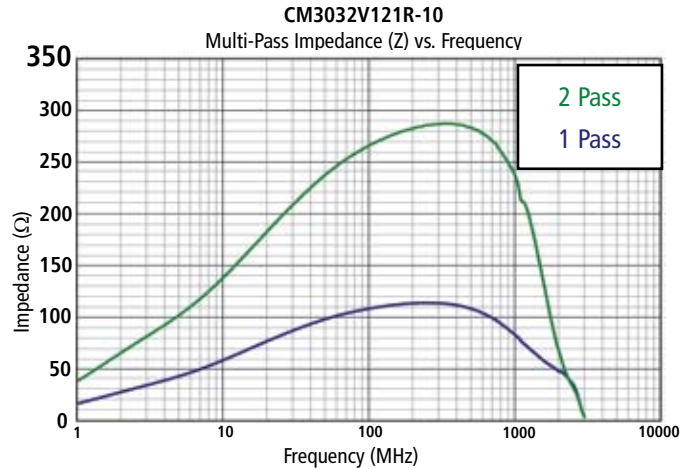
Part Impedance

Normal (Differential) / Open / Common



Multi-Pass Impedance

(for multiple pass board layout options)



See Page 41 for Multiple Pass Equivalent Circuit Examples and Explanation