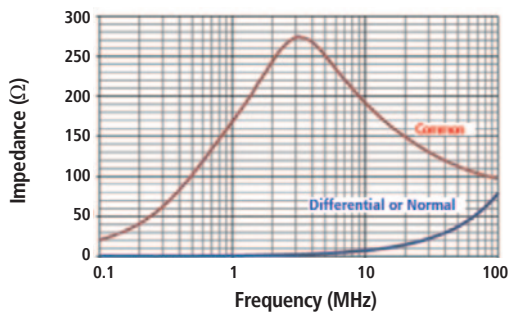
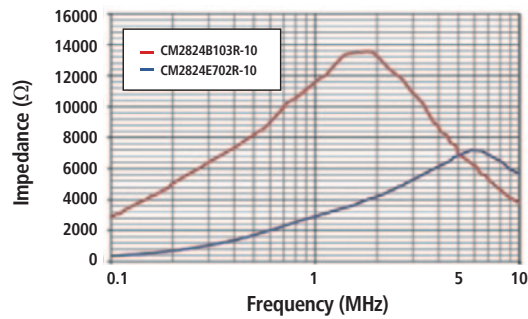
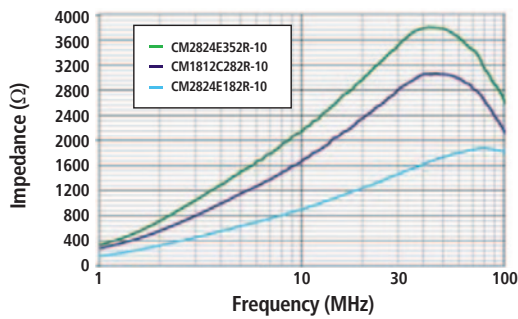


# LOW FREQUENCY COMMON MODE CHOKES

APPLICATION	TYPE	PART NUMBER	TYPICAL IMPEDANCE ( $\Omega$ )				TYPICAL PEAK IMPEDANCE ( $\Omega$ )	PEAK IMPEDANCE FREQUENCY (MHZ)	DCR MAX ( $\Omega$ )	RATED I MAX (CONTINUOUS) (mA)
			Z @ 1 MHz	Z @ 4 MHz	Z @ 10 MHz	Z @ 100 MHz				
Signal/ Power Line	Surface Mount (For 2 lines)	CM1812C282R-10	370	1100	1900	2800	3500	50	0.5	200
		CM2824B103R-10	10000	8900	3980	400	13200	2	1.3	400
		CM2824E182R-10	200	570	920	1800	1920	80	0.26	800
		CM2824E352R-10	350	1400	2100	3500	3950	45	0.3	800
	Thru-Hole (For 4 lines)	CM2824E702R-10	3000	7000	5800	800	7200	6	0.26	700
		CM5740Z241B-10	170 (2 Turns)	240 (2 Turns)	173 (2 Turns)	100 (2 Turns)	276 (2 Turns)	3 (2 Turns)	0.0013	20,000

## Impedance (Z) versus Frequency



## DIMENSION

PART NUMBER	A mm (INCHES)	B mm (INCHES)	C mm (INCHES)	
CM1812C282R-10	5.00 (0.197)	3.50 (0.138)	5.55 (0.140)	
CM2824B103R-10	7.50 (0.295)	5.50 (0.217)	3.80 (0.150)	
CM2824E182R-10	7.50 (0.295)	5.50 (0.217)	3.80 (0.150)	
CM2824E352R-10	7.50 (0.295)	5.50 (0.217)	3.80 (0.150)	
CM2824E702R-10	7.50 (0.295)	5.50 (0.217)	3.80 (0.150)	
CM5740Z241B-10	14.40 (0.570)	10.03 (0.395)	9.32 (0.387)	

# COMMON MODE ARRAYS

## APPLICATION FOR POWER LINES

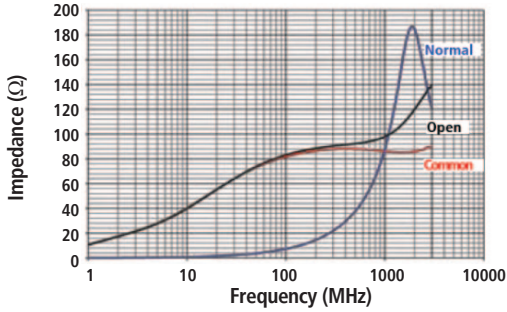
TYPE	PART NUMBER	TYPICAL IMPEDANCE ( $\Omega$ )				TYPICAL PEAK IMPEDANCE ( $\Omega$ )	PEAK IMPEDANCE FREQUENCY (MHZ)	DCR MAX ( $\Omega$ )	RATED I MAX (CONTINUOUS) (mA)
		Z @ 25 MHZ	Z @ 100 MHZ	Z @ 500 MHZ	Z @ 1 GHZ				
Surface Mount (For 4 lines)	CM2722R800R-10	60	80	92	98	140	3000	0.02	5,000
	CM2722R151R-10	113	150	165	165	168	1783	0.02	5,000
	CM2722R201R-10	141	200	202	187	206	272	0.02	5,000
Surface Mount (For 6 lines)	CM3822R800R-10	63	80	97	105	151	3000	0.02	5,000
	CM3822R151R-10	108	150	170	169	172	1646	0.02	5,000
	CM3822R201R-10	140	200	207	187	213	218	0.02	5,000
Surface Mount (For 8 lines)	CM5022R800R-10	61	80	95	102	150	3000	0.02	5,000
	CM5022R151R-10	112	150	165	167	177	2092	0.02	5,000
	CM5022R201R-10	144	200	206	188	210	306	0.02	5,000
Surface Mount (For 4 lines)	CM3032V121R-10	80	120	130	140	169	200	0.01	8,000
	CM3032V201R-10	143	200	210	199	214	319	0.01	8,000
	CM3032V301R-10	211	300	280	224	307	214	0.01	8,000
Surface Mount (For 6 lines)	CM4732V201R-10	152	200	218	187	229	241	0.01	8,000
	CM4732V301R-10	217	300	250	172	328	168	0.01	8,000
Surface Mount (For 8 lines)	CM6032V201R-10	140	200	219	213	219	500	0.01	8,000
	CM6032V301R-10	240	300	258	170	346	149	0.01	8,000
Thru-Hole ( For 2 lines)	CM2545X171B-10	108	170	210	180	210	500	0.01	10,000
Surface Mount ( For 2 lines)	CM2545X171R-10	108	170	210	180	210	500	0.01	10,000
Thru-Hole ( For 4 lines)	CM4545Z131B-10	65	130	267	256	288	682	0.01	10,000
Surface Mount ( For 4 lines)	CM4545Z131R-10	65	130	267	256	288	682	0.01	10,000

PART NUMBER	# OF CHOKES	TYPICAL IMPEDANCE ( $\Omega$ ) 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
CM2722R800R-10	2	80	92	98	174	190	173	-	-	-	-	-	-
CM2722R151R-10	2	150	165	165	292	311	222	-	-	-	-	-	-
CM2722R201R-10	2	200	202	187	433	362	187	-	-	-	-	-	-
CM3822R800R-10	3	80	97	105	174	190	173	304	334	257	-	-	-
CM3822R151R-10	3	150	170	169	292	311	222	490	448	226	-	-	-
CM3822R201R-10	3	200	207	187	433	362	187	670	470	208	-	-	-
CM5022R800R-10	4	80	95	102	174	190	173	304	334	257	389	446	283
CM5022R151R-10	4	150	165	167	292	311	222	490	448	226	674	535	229
CM5022R201R-10	4	200	206	188	433	362	187	670	470	208	945	499	212
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

# COMMON MODE ARRAYS

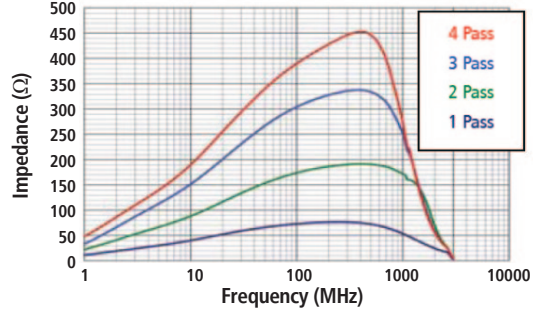
## Part Impedance

CM2722R800R-10, CM3822R800R-10,  
CM5022R800R-10

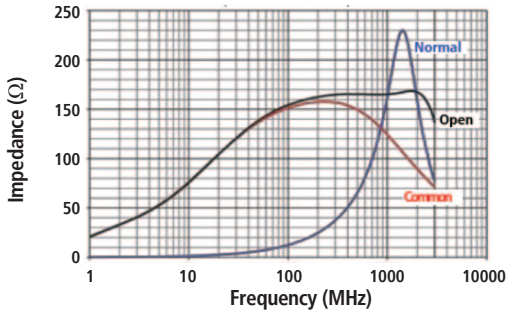


## Multi-Pass Impedance (for multiple pass board layout options)

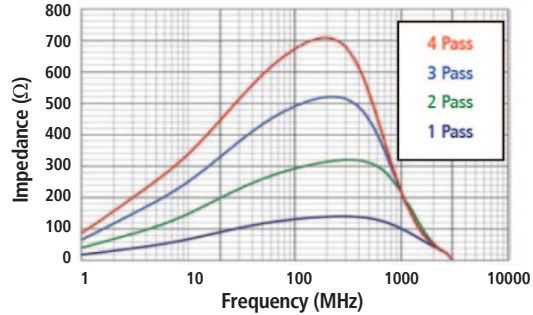
CM2722R800R-10, CM3822R800R-10,  
CM5022R800R-10



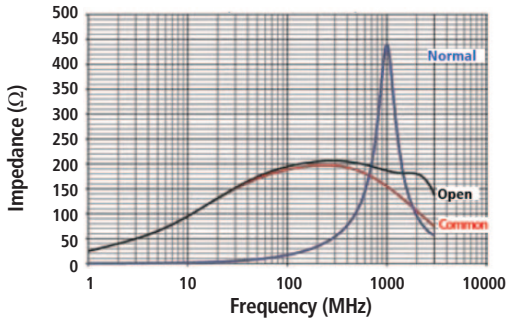
CM2722R151R-10M, CM3822R151R-10,  
CM5022R151R-10



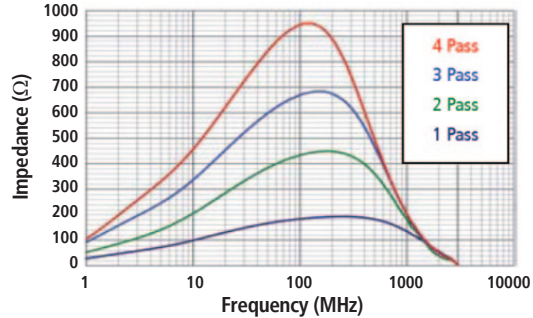
CM2722R151R-10M, CM3822R151R-10,  
CM5022R151R-10



CM2722R201R-10, CM3822R201R-10,  
CM5022R201R-10



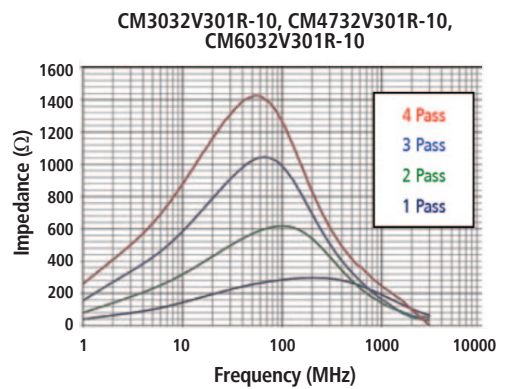
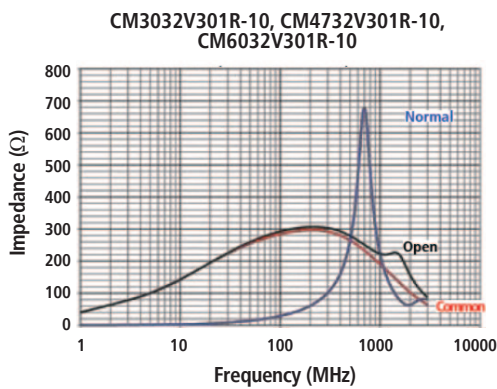
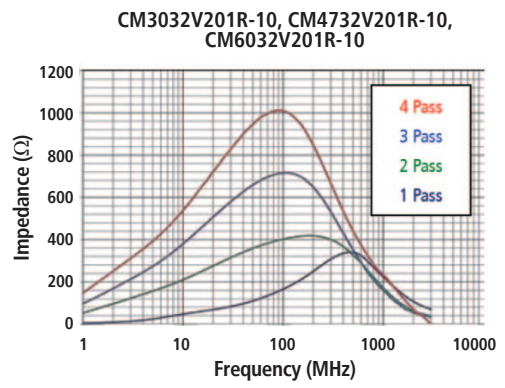
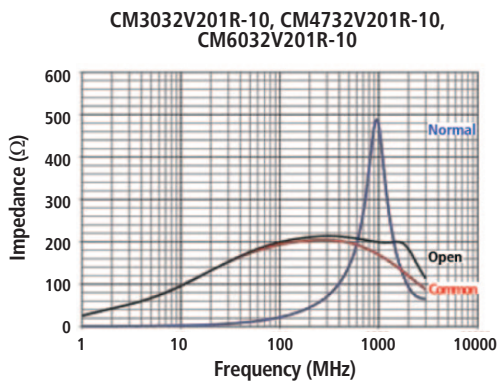
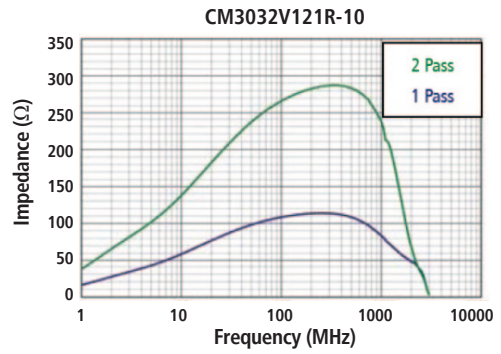
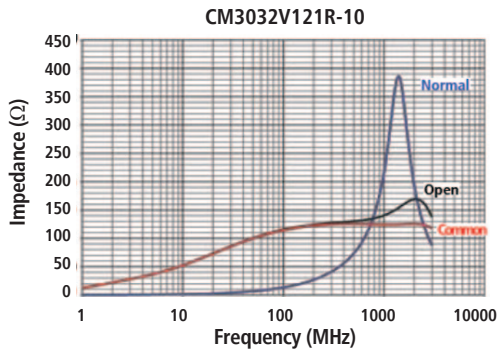
CM2722R201R-10, CM3822R201R-10,  
CM5022R201R-10



# COMMON MODE ARRAYS

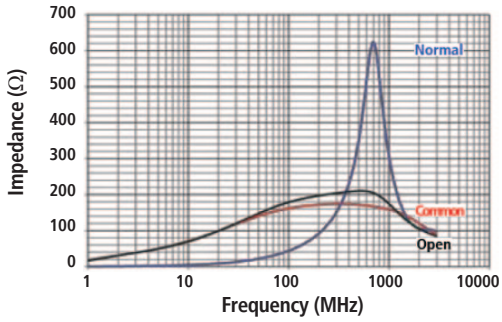
## Part Impedance

## Multi-Pass Impedance (for multiple pass board layout options)

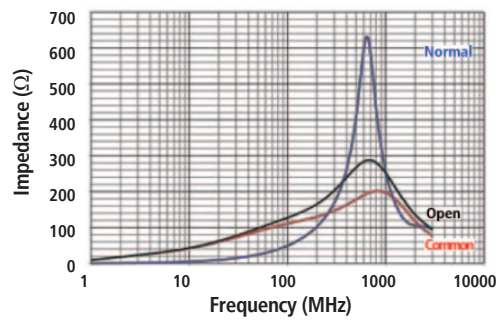


# COMMON MODE ARRAYS

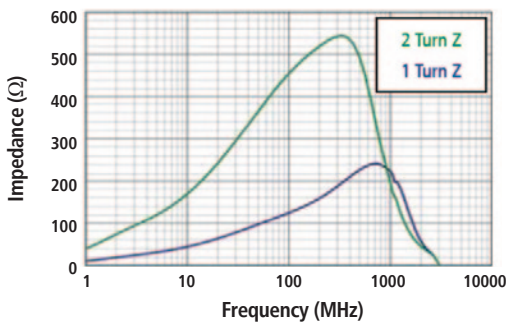
CM2545X171B-10, CM2545X171R-10



CM4545X131B-10, CM4545X131R-10


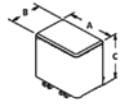
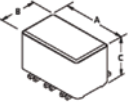
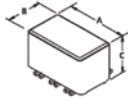
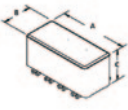
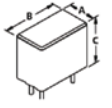
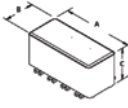



CM4545X131B-10, CM4545X131R-10,  
Multi-Turn Impedance



# COMMON MODE ARRAYS

## DIMENSION

PART NUMBER	A mm (INCHES)	B mm (INCHES)	C mm (INCHES)		PART NUMBER	A mm (INCHES)	B mm (INCHES)	C mm (INCHES)	
CM2722R800R-10	6.99 (0.275)	5.72 (0.225)	4.32 (0.170)		CM3032V201R-10	7.62 (0.300)	8.13 (0.320)	9.45 (0.372)	
CM2722R151R-10	6.99 (0.275)	5.72 (0.225)	7.62 (0.300)		CM3032V301R-10	7.62 (0.300)	8.13 (0.320)	14.48 (0.570)	
CM2722R201R-10	6.99 (0.275)	5.72 (0.225)	9.53 (0.375)		CM4732V201R-10	11.94 (0.470)	8.13 (0.320)	9.45 (0.372)	
CM3822R800R-10	9.78 (0.385)	5.72 (0.225)	4.32 (0.170)	CM4732V301R-10	11.94 (0.470)	8.13 (0.320)	14.48 (0.570)		
CM3822R151R-10	9.78 (0.385)	5.72 (0.225)	7.62 (0.300)		CM6032V201R-10	15.24 (0.600)	8.13 (0.320)	9.45 (0.372)	
CM3822R201R-10	9.78 (0.385)	5.72 (0.225)	9.53 (0.375)		CM6032V301R-10	15.24 (0.600)	8.13 (0.320)	14.48 (0.570)	
CM5022R800R-10	12.57 (0.495)	5.72 (0.225)	4.32 (0.170)		CM2545X171B-10	6.3 (0.248)	11.38 (0.448)	9.32 (0.367)	
CM5022R151R-10	12.57 (0.495)	5.72 (0.225)	7.62 (0.300)	CM2545X171R-10	6.3 (0.248)	11.38 (0.448)	9.32 (0.367)		
CM5022R201R-10	12.57 (0.495)	5.72 (0.225)	9.53 (0.375)		CM4545Z131B-10	11.38 (0.448)	11.38 (0.448)	9.32 (0.367)	
CM3032V121R-10	7.62 (0.300)	8.13 (0.320)	5.72 (0.225)		CM4545Z131R-11	11.38 (0.448)	11.38 (0.448)	9.32 (0.367)	
					