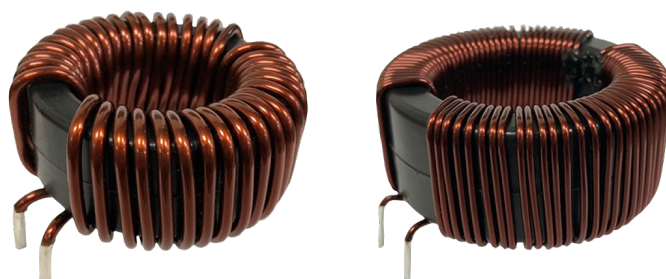


# WCM510 Series

## Common Mode Chokes

### Product Description

These are the largest nano-crystalline common mode chokes offered by West Coast Magnetics. They provide high attenuation levels at operating currents up to 52A. Utilizing nano-crystalline technology allows for more attenuation inside a smaller footprint; ferrite cores can not achieve the levels of attenuation offered by WCM's 510 series. Contact West Coast Magnetics to speak with a knowledgeable engineer to determine which choke is right for your application.



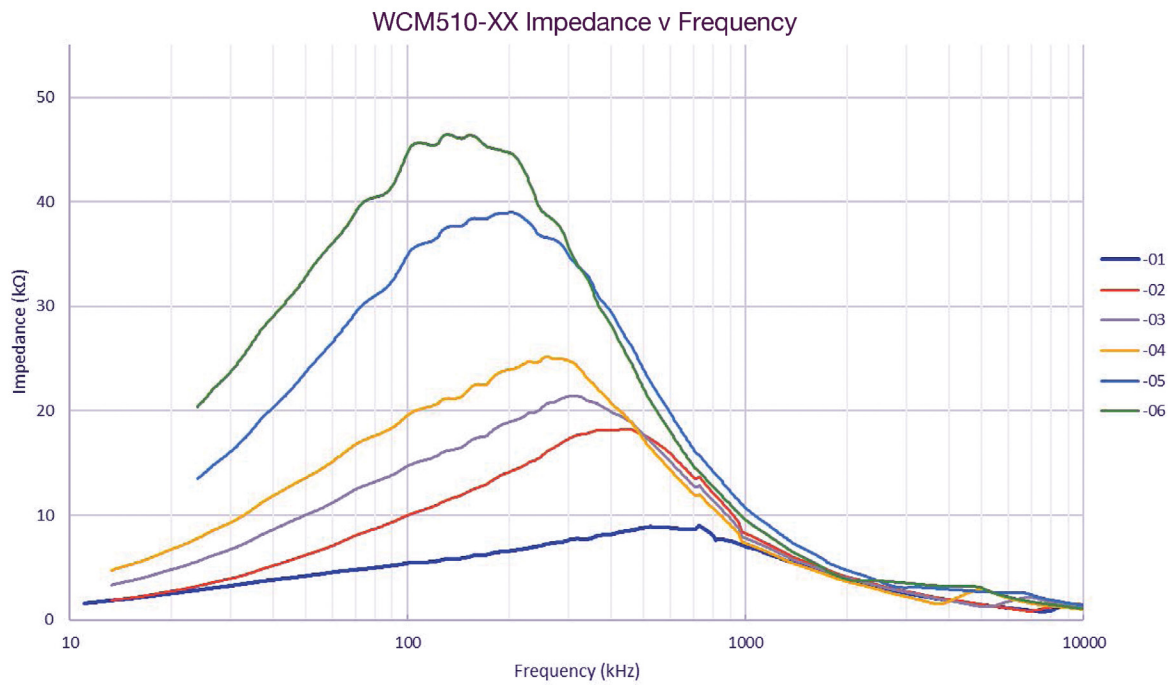
### Engineering Data

Part Number	Lead Diameter ±.01" (in)	Lmin@10kHz (mH)	Lmin@100kHz (mH)	Leakage L Max (μH)	DCR ±25% (mΩ)	Rated RMS Current (amps) 40°C Temp Rise	Rated RMS Current (amps) 60°C Temp Rise	Rated RMS Current (amps) 80°C Temp Rise	Hipot (Vac)
WCM510-01	0.133	4.05	3.24	40.5	3	33.0	42.5	52.0	1500
WCM510-02	0.106	6.05	4.84	60.5	6	29.0	37.5	43.0	1500
WCM510-03	0.085	10.5	8.41	105	13	20.0	26.0	29.0	1500
WCM510-04	0.069	16.2	12.9	162	26	14.5	17.5	19.8	1500
WCM510-05	0.055	26.4	21.1	264	50	9.5	12.5	14.2	1500
WCM510-06	0.044	43.5	34.8	435	101	7.5	9.2	10.5	1500

Note:  
Toroid cap available upon request



Graphs
 WCM510 Series



Schematics
 WCM510 Series

