





FEATURES

- RoHS compliant
- Toroidal construction
- Up to 3.5A loc
- Inductance range from 3mH to 10mH
- Small footprint
- UL 94V-0 packaging materials
- Low DC resistance
- Guaranteed 3.0mm creepage and clearance between windings

PRODUCT OVERVIEW

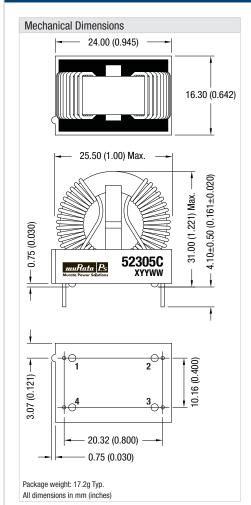
The 5200 series is a range of through-hole common mode chokes designed to attenuate up to 100MHz common mode noise where line filtering is required, such as high current switching power supplies and telecom applications.

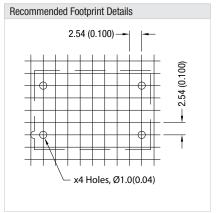
SELECTION GUIDE							
Order Code	Inductance		DC Current	DC Resistance	Leakage Inductance		
	Nom.	Range	Max.	Max.	Max.		
	mH	mH	Α	mΩ	μН		
52305C	3.0	2.24-4.00	3.5	45	40		
52505C	5.0	3.60-6.60	2.4	91	75		
52705C	7.0	4.90-9.00	2.2	107	90		
52106C	10.0	6.90-12.8	1.7	193	130		

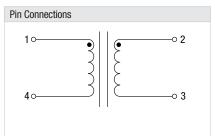
ABSOLUTE MAXIMUM RATINGS				
Operating free air temperature range	-40°C to 125°C			
Storage temperature range	-40°C to 125°C			
Isolation voltage	1500Vrms			

SOLDERING INFORMATION ¹		
Peak wave solder temperature	260°C	
Pin finish	Tin	

PACKAGE SPECIFICATIONS







Packaging
Supplied in trays (40 pieces per tray)

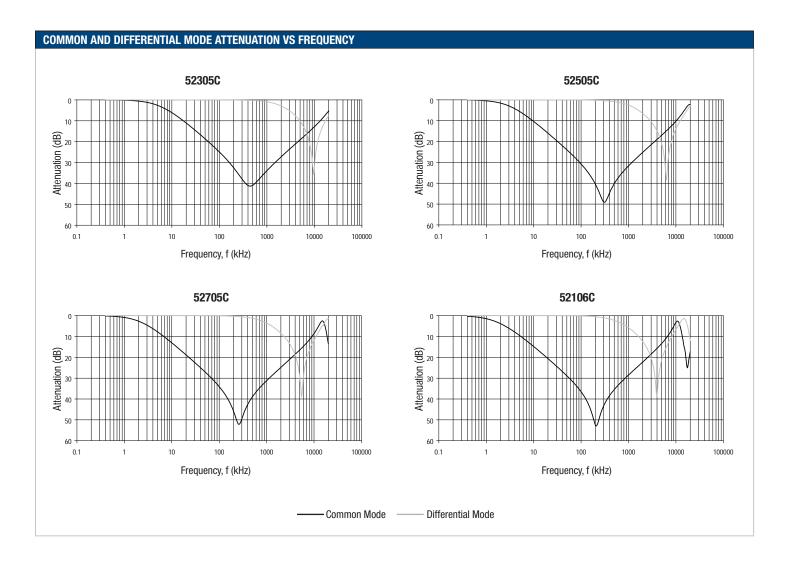




Specifications typical at $T_A = 25^{\circ}C$

1 For further information, please visit www.murata-ps.com/rohs

Common Mode Chokes





Common Mode Chokes



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