† RoHS COMPLIANT

Common Mode Chip Inductors

Model PM0805CM & PM1206CM Series are obsolete, and not recommended for new designs. Models SRF2012 & SRF3216 are preferred.

Special Features

- High common mode impedance
- Excellent noise suppression performance
- Small size, low profile
- Rated voltage: 50 VDC
- Withstanding voltage: 125 VDC
- Insulation resistance: 10M Ω min.
- Operating temperature: -55 to +125 °C

Typical Applications

- Common mode noise suppression for high speed signal lines
- USB 2.0 line for personal computers and peripheral devices
- IEEE 1394 line for PC, DVC and LVDS
- Panel link line for LCD

Notes

* Rated Idc causes a 30 °C temperature rise

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

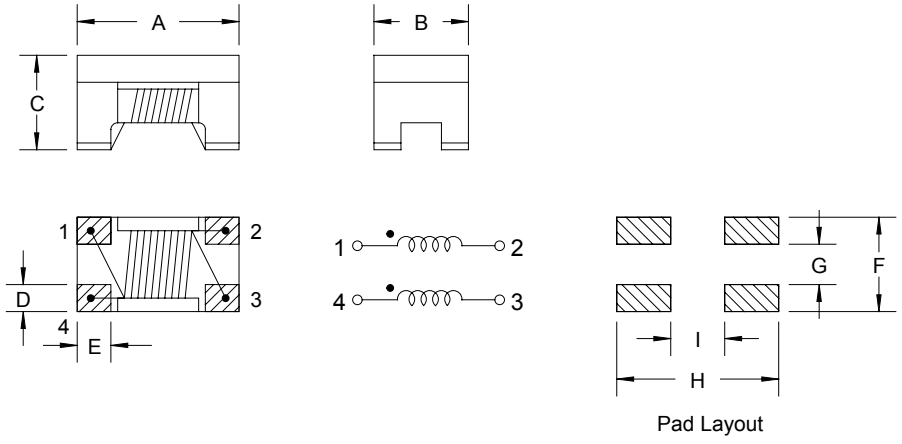
PM0805CM/PM1206CM Series				
Part Number	Common mode Impedance (Ω) ±25 % @ 100MHz	DCR (Ω) Max.	Idc* (mA)	Bourns Equivalent
PM0805CM-300-RC	30	0.20	400	SRF2012
PM0805CM-670-RC	67	0.25	400	
PM0805CM-900-RC	90	0.30	400	
PM0805CM-121-RC	120	0.30	400	
PM0805CM-161-RC	160	0.35	350	
PM0805CM-181-RC	180	0.35	350	
PM0805CM-221-RC	220	0.40	300	
PM0805CM-261-RC	260	0.40	300	
PM0805CM-301-RC	300	0.45	300	
PM0805CM-361-RC	360	0.50	100	
PM0805CM-371-RC	370	0.50	100	
PM1206CM-900-RC	90	0.30	370	SRF3216
PM1206CM-161-RC	160	0.40	340	
PM1206CM-221-RC	220	0.50	310	
PM1206CM-601-RC	600	0.80	260	
PM1206CM-102-RC	1000	1.00	230	
PM1206CM-222-RC	2200	1.20	200	

"-RC" suffix indicates RoHS compliance.

Dimensions: mm, Tolerance: ±0.2

Series Number	A	B	C	D	E	F	G	H	I	Reel Size
PM0805CM	2.0	1.2	1.2	0.4	0.45	1.25	0.45	2.6	1.1	2000
PM1206CM	3.2	1.6	2.0	0.6	0.6	1.6	0.4	3.7	1.9	2000

OBSOLETE



Pad Layout