



The PLM250H/S is a series of wire wound chip common mode choke coils. Large current and high coupling are combined in a small chip structure to provide superior noise suppression while maintaining signal integrity.

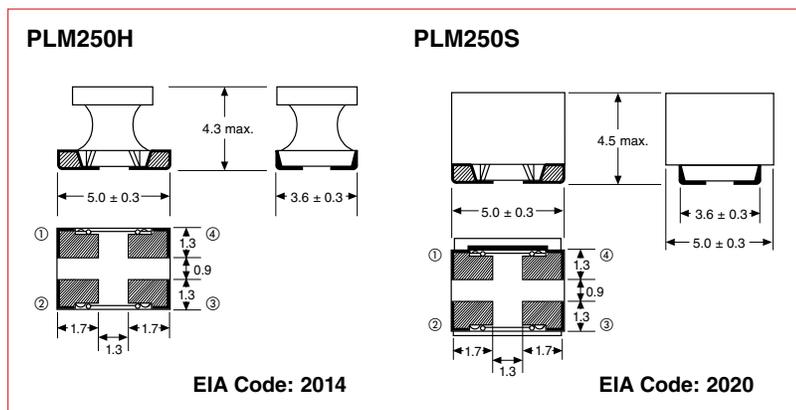
FEATURES

- High impedance enables great noise suppression
- Large rated current enables power line use
- Does not damage high speed signal due to high coupling common mode choke coil structure
- Automatic placement
- Specially adapted for reflow soldering

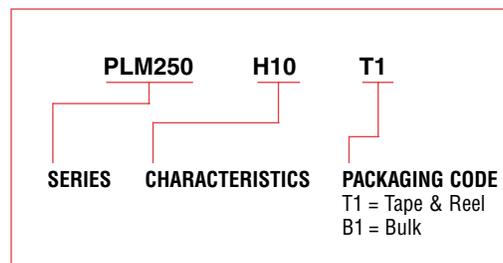
APPLICATIONS

- Common mode noise suppression of signal lines in high speed digital equipment
- Common mode noise suppression of DC power lines in AC adapter

DIMENSIONS: mm



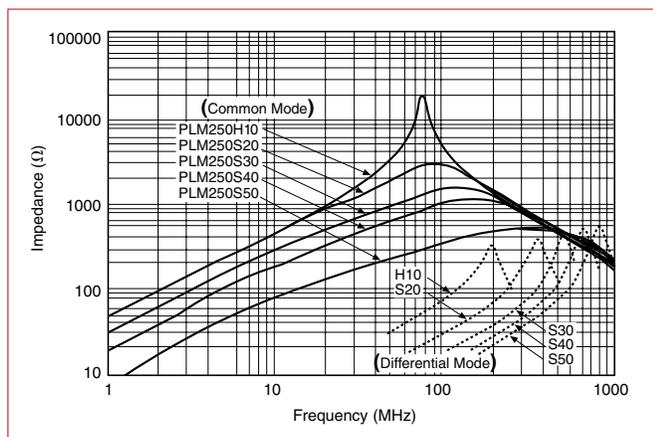
PART NUMBERING SYSTEM



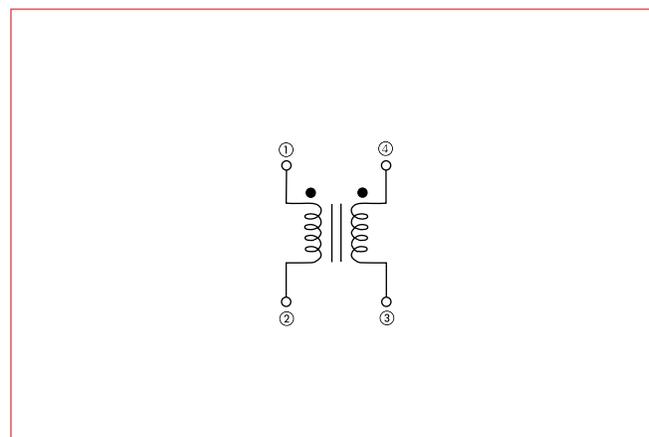
SPECIFICATIONS

Part Number	Rated Current (A)	Common Mode Impedance (Ohms) Typ. at 100MHz	DC Resistance (Ohms max.)	Rated Voltage (VDC)	Withstand Voltage (VDC)	Insulation Resistance (Ohms min.)	Operating Temp. Range
*PLM250H10	0.2	4000	3.0	50	125 (1 minute)	10M	-25° ~ +85°C
*PLM250S20	0.5	3000	0.3				
*PLM250S30	1.0	1500	0.1				
*PLM250S40	1.5	1000	0.06				
*PLM250S50	2.0	350	0.04				
*PLM250S60	5.0	190	0.02				

TYPICAL IMPEDANCE CHARACTERISTICS



EQUIVALENT CIRCUIT DIAGRAM



* Available as standard through authorized Murata Electronics Distributors: Standard packaging is tape and reel.