

PMI Series

Power Multilayer Inductor

Size 1608



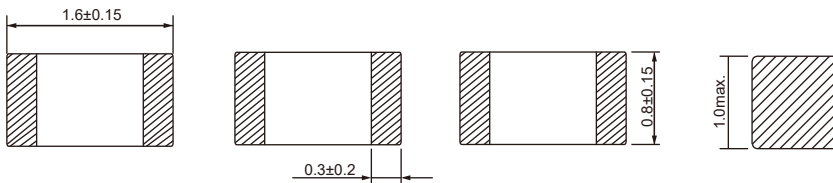
CHARACTERISTICS

- Compact structure with multilayer
- Magnetically shielded with closed circuit
- Different sizes and types available
- Low loss at high switching frequency
- Quantity: 3000pcs

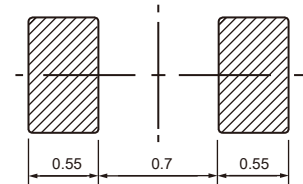
APPLICATION

- High switching frequency converter

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	Inductance (μ H)	Tolerance	Temperature Rise Current Max. (mA)	Saturation Current Typ. (mA)	DCR Max. (m Ω)	DCR Typ. (m Ω)	SRF Min. (MHz)
PMI160809S-R22M	0.22	$\pm 20\%$	1250	1600	125	100	200
PMI160809S-R33M	0.33	$\pm 20\%$	1200	1500	162	130	190
PMI160809S-R47M	0.47	$\pm 20\%$	1100	1200	187	150	180
PMI160809S-R68M	0.68	$\pm 20\%$	1150	1100	225	180	160
PMI160809S-1R0M	1.0	$\pm 20\%$	1000	800	250	200	125
PMI160809S-1R5M	1.5	$\pm 20\%$	900	500	285	230	100
PMI160809S-2R2M	2.2	$\pm 20\%$	850	300	375	300	80

Operating Temperature: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

Temperature rise current : The actual value of DC current when the temperature rise is $\Delta T 40^{\circ}\text{C}$

Saturation Current that will cause initial inductance to drop 30% approximately .

Typical Electrical Characteristics:

