

PMI Series

Power Multilayer Inductor Size 2016



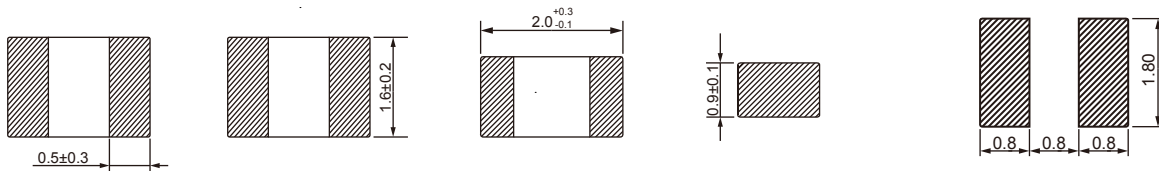
CHARACTERISTICS

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

APPLICATION

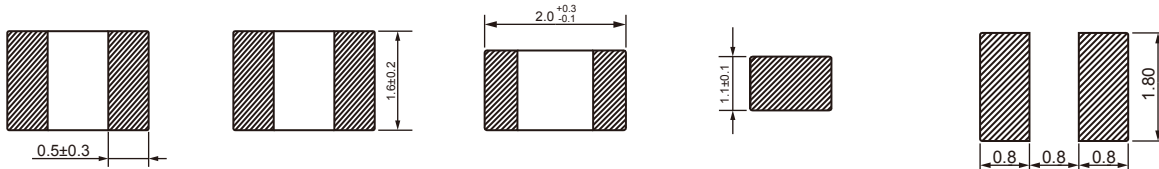
- High switching frequency converter

Dimensions: [mm] PMI201610



Land Pattern: [mm]

Dimensions: [mm] PMI201612



Land Pattern: [mm]

Electrical Properties:

Part No	Inductance (μH)	Tolerance	Temperature Rise Current Max. (mA)	Saturation Current Typ. (mA)	DCR Max. (mΩ)	DCR Typ. (mΩ)	SRF Min. (MHz)
PMI201610S-R47M	0.47	± 20%	1500	1600	100	80	100
PMI201610S-1R0M	1.0	± 20%	1400	1200	112	90	70
PMI201610S-1R5M	1.5	± 20%	1200	700	137	110	60
PMI201610S-2R2M	2.2	± 20%	1200	500	137	110	50
PMI201610S-3R3M	3.3	± 20%	1200	330	150	120	40
PMI201610S-4R7M	4.7	± 20%	1100	220	175	140	30
PMI201612S-6R8M	6.8	± 20%	1200	220	212	170	40
PMI201612S-100M	10	± 20%	1100	200	312	250	35

Operating Temperature: -40℃~+125℃

Temperature rise current : The actual value of DC current when the temperature rise is ΔT40℃

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

Typical Electrical Characteristics:

