

**PMI Series**  
Power Multilayer Inductor  
Size 2016



**CHARACTERISTICS**

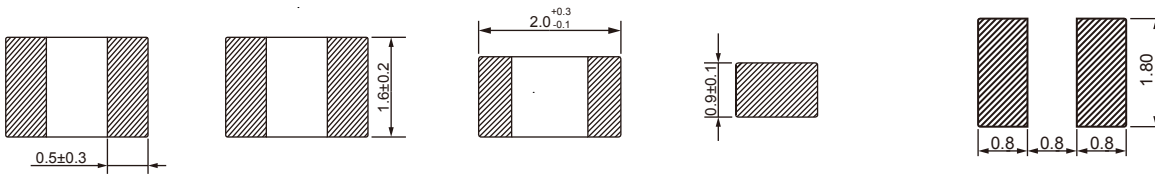
- Compact structure with multilayer
- Magnetically shielded with closed circuit
- Different sizes and types available
- Low loss at high switching frequency
- Quantity: 3000pcs

**APPLICATION**

- High switching frequency converter

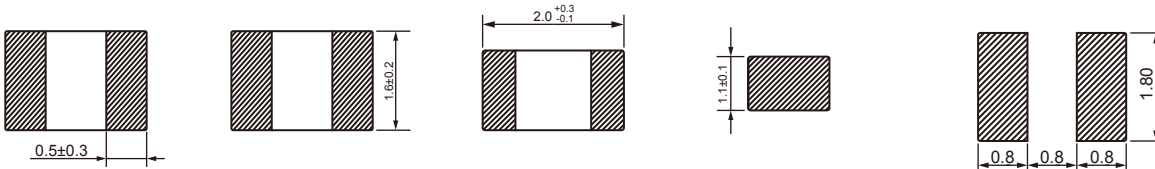
Dimensions: [mm] PMI201610

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 °C~+125 °C

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

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

Typical Electrical Characteristics:

