

PMI Series
Power Multilayer Inductor
Size 2016



CHARACTERISTICS

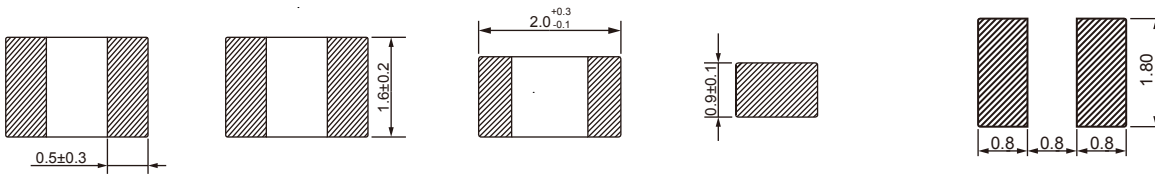
- Compact structure with multilayer
- Magnetically shielded with closed circuit
- Different sizes and types available
- Low loss at high switching frequency
- Quantity: 3000pcs

APPLICATION

- High switching frequency converter

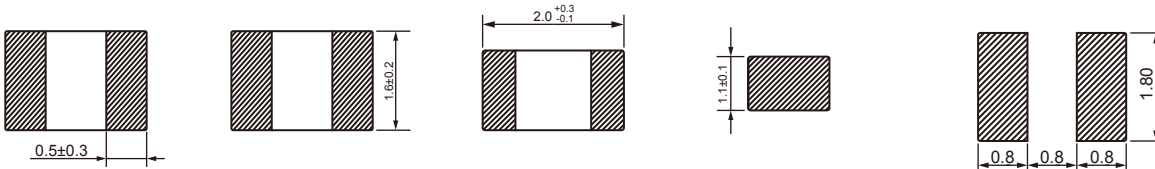
Dimensions: [mm] PMI201610

Land Pattern: [mm]



Dimensions: [mm] PMI201612

Land Pattern: [mm]



Electrical Properties:

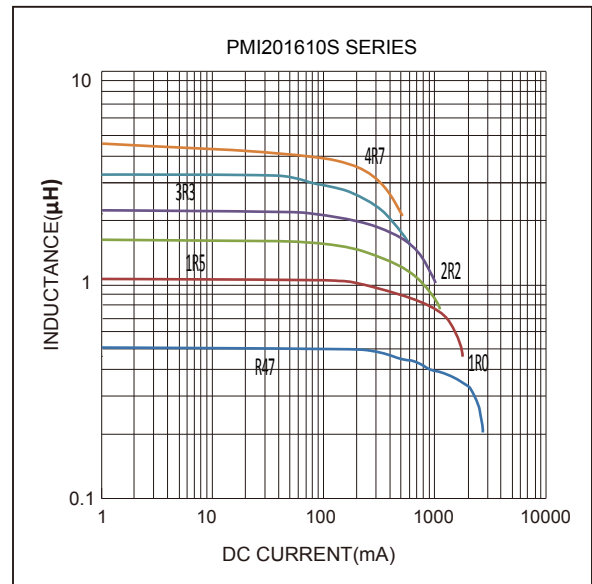
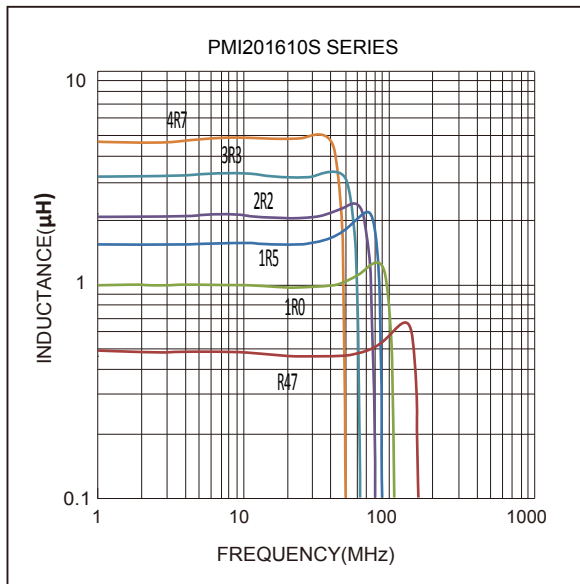
Part No	Inductance (μH)	Tolerance	Temperature Rise Current Max. (mA)	Saturation Current Typ. (mA)	DCR Max. (mΩ)	DCR Typ. (mΩ)	SRF Min. (MHz)
PMI201610S-R47M	0.47	± 20%	1500	1600	100	80	100
PMI201610S-1R0M	1.0	± 20%	1400	1200	112	90	70
PMI201610S-1R5M	1.5	± 20%	1200	700	137	110	60
PMI201610S-2R2M	2.2	± 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:



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[MHQ1005P5N1S](#) [MHQ1005P8N2J](#) [PE-53601NL](#) [PE-53602NL](#) [PG0936.113NLT](#) [9220-20](#) [9310-16](#) [PM06-2N7](#) [PM06-39NJ](#) [A01TK](#)
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[RCR110DNP-331L](#) [DH2280-4R7M](#) [DS1608C-106](#) [B10TJ](#) [B82498B3101J000](#) [ELJ-RE27NJF2](#) [1812CS-153XJ](#) [1812CS-183XJ](#) [1812CS-](#)
[223XJ](#) [1812LS-104XJ](#) [1812LS-105XJ](#) [1812LS-124XJ](#) [1812LS-154XJ](#) [1812LS-223XJ](#) [1812LS-224XJ](#) [1812LS-563XJ](#) [1812LS-683XJ](#)
[1812LS-824XJ](#) [NIN-FB101JTR110F](#) [NIN-FB471JTR62F](#) [NIN-FC1R5JTR220F](#) [NIN-HCR15JTRF](#) [NIN-HCR33JTRF](#) [NIN-HDR22JTRF](#)