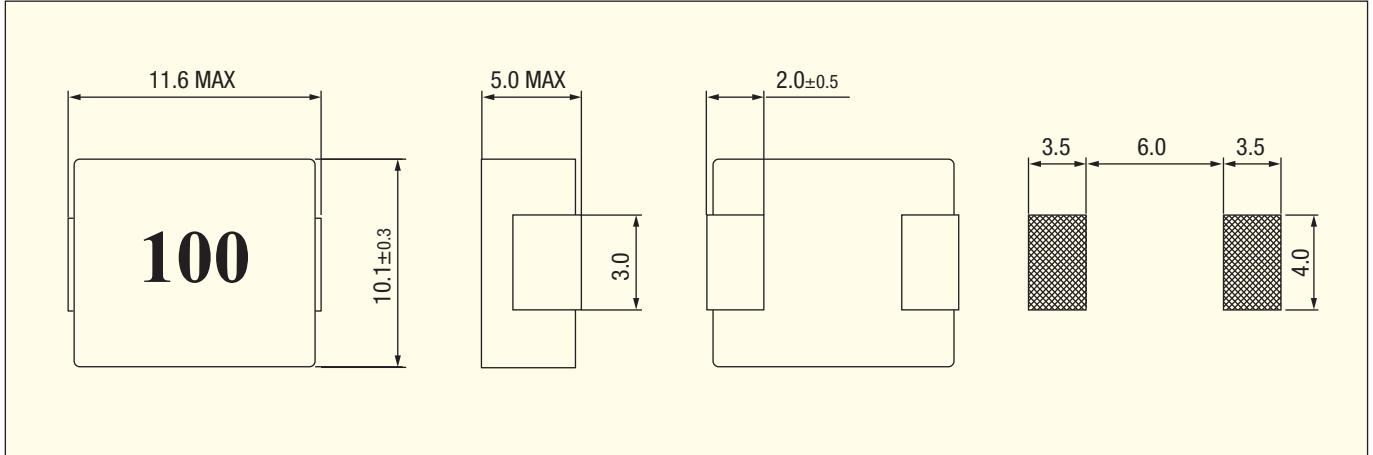


MPIP1050 SERIES

STANDARD EXTERNAL DIMENSIONS - mm



PRODUCT SPECIFICATION

Part Number	Inductance ($\mu\text{H} \pm 20\%$)	DC Resistance ($\text{m}\Omega \text{MAX}$)	Saturation Current (A TYP.) ⁽¹⁾	Temperature Rise Current (A TYP.) ⁽²⁾
MPIP1050-1R5MC	1.5	4.2	23	16
MPIP1050-2R2MC	2.2	6.5	18	12.5
MPIP1050-3R3MC	3.3	11.0	16.0	11.0
MPIP1050-4R7MC	4.7	13.0	14.0	10.0
MPIP1050-6R8MC	6.8	18.5	12.0	9.0

1. All Test Data is Referenced to 25°C Ambient Measuring Condition : 100kHz, 100mV Tolerance of Inductance : $\pm 20\%$

2. Saturation Rated Current : 30% lower than its initial value

3. Temperature Rise Current : $\Delta T = 40^\circ\text{C}$

4. Temperature of components should be checked in the end application Operating Temperature : $-55^\circ\text{C} \sim 155^\circ\text{C}$

† Transient pulse not to exceed 1 millisecond.

†† Maximum operating frequency less than 10MHz, consult factory for application specific values.