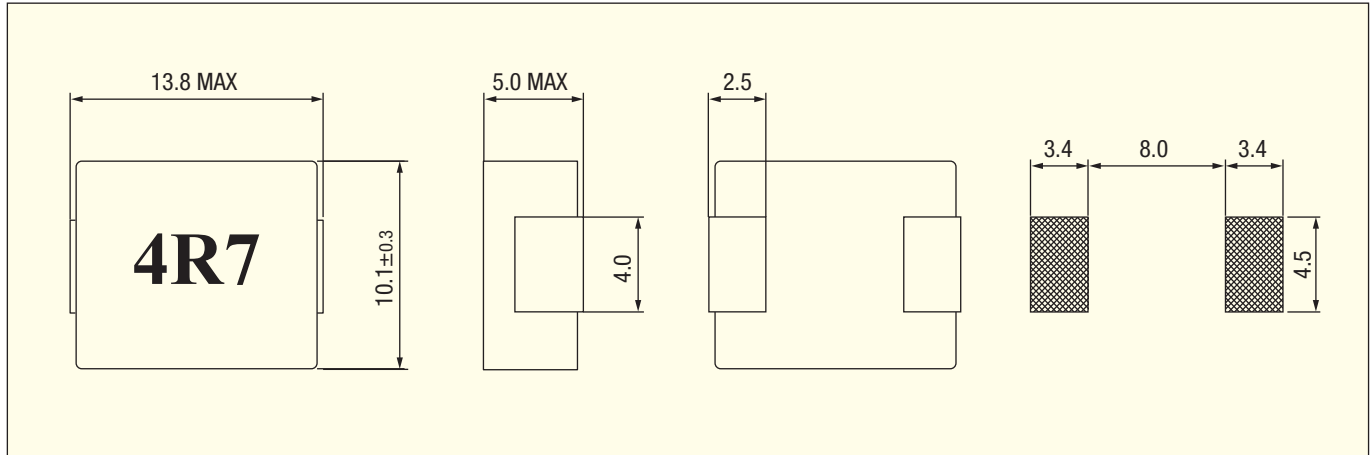


MPIP1350 SERIES

STANDARD EXTERNAL DIMENSIONS - mm



PRODUCT SPECIFICATION

Part Number	Inductance ($\mu\text{H} \pm 20\%$)	DC Resistance ($\text{m}\Omega\text{MAX}$)	DC Resistance ($\text{m}\Omega\text{TYP.}$)	Saturation Current (A TYP.) ⁽¹⁾	Temperature Rise Current (A TYP.) ⁽²⁾
MPIP1350-R47M	0.47	1.1	0.95	47	33
MPIP1350-R68M	0.68	1.5	1.34	46	29
MPIP1350-1R0M	1.0	2.2	1.8	32	23
MPIP1350-2R2M	2.2	5.0	3.98	22	14.5
MPIP1350-3R3M	3.3	7.0	5.5	19	14
MPIP1350-4R7M	4.7	10.3	8.5	14.5	9.5
MPIP1350-100M	10	22	18.9	10.0	8.0
MPIP1350-150M	15	35	30.0	6.8	5.2
MPIP1350-220M	22	58	50.0	5.7	4.1

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.