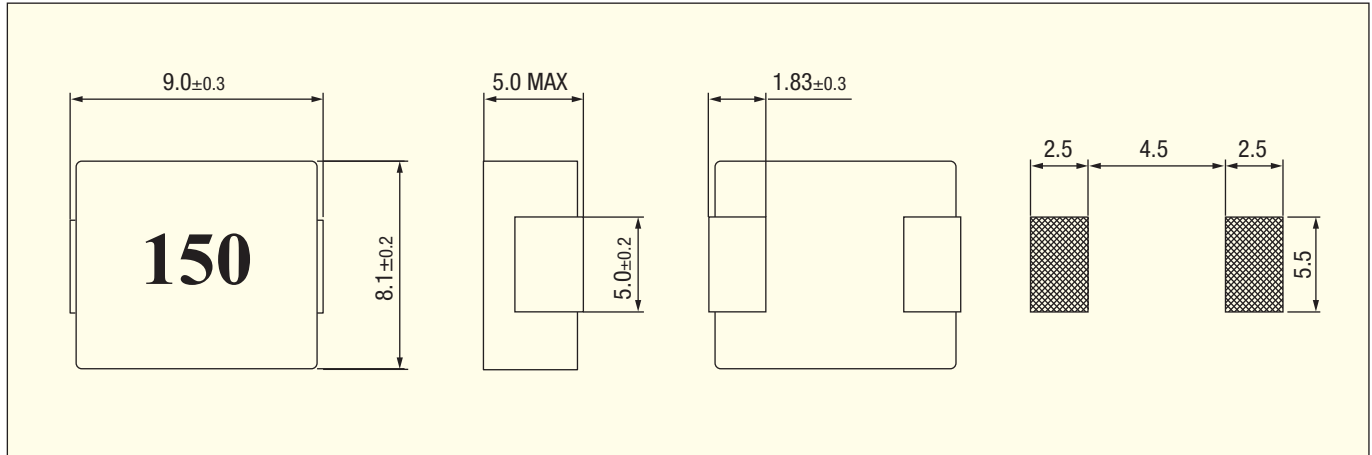


MPIP0850/65 SERIES

STANDARD EXTERNAL DIMENSIONS - mm



PRODUCT SPECIFICATION

Part Number	Inductance (μH±20%)	DC Resistance (mΩMAX)	DC Resistance (mΩTYP.)	Saturation Current (A TYP.) ⁽¹⁾	Temperature Rise Current (A TYP.) ⁽²⁾
MPIP0850-100MC	10	55	40	8.0	5.0
MPIP0850-150MC	15	60	46	5.0	4.0
MPIP0850-220MC	22	90	80	4.5	4.0
MPIP8065-1R5MC	1.5	7.0	6.5	14	11
MPIP8065-2R2MC	2.2	8.0	6.9	12	10
MPIP8065-220MC	22	90	73	5.0	4.0
MPIP8065-470MC	47	170	138	3.5	3.0

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

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

3. Temperature Rise Current : ΔT = 40°C

4. Temperature of components should be checked in the end application Operating Temperature : -55°C ~ 155°C

† Transient pulse not to exceed 1 millisecond.

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