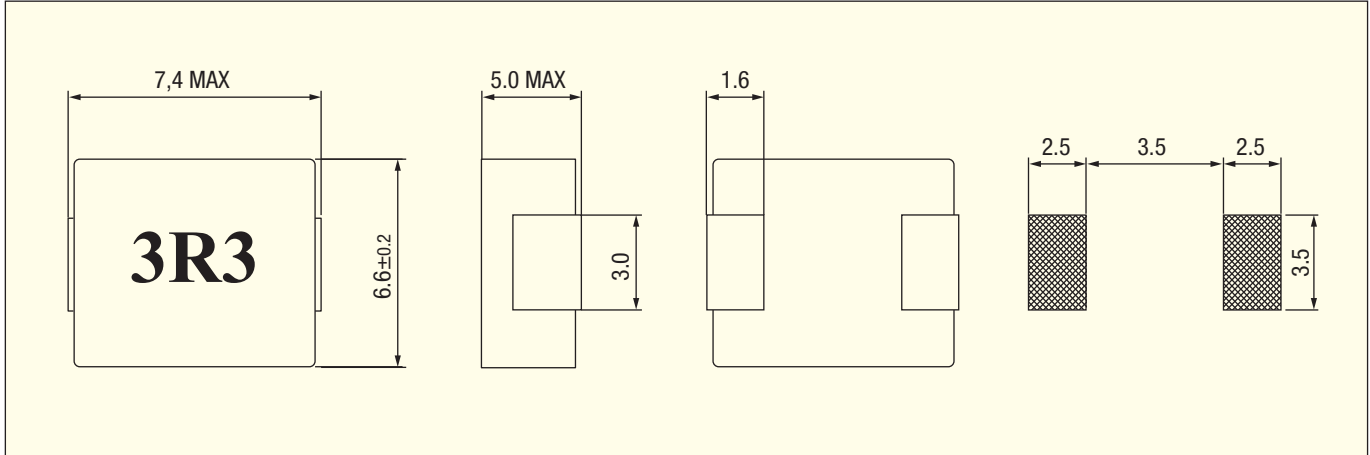


MPIP0650 SERIES

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⁾
MPIP0650-R47MC	0.47	3.5	3.0	24.0	20.0
MPIP0650-R68MC	0.68	4.2	3.5	18.0	16.0
MPIP0650-R82MC	0.82	4.9	4.2	19.5	15.5
MPIP0650-1R0MC	1.0	6.5	5.5	18.0	14.0
MPIP0650-1R5MC	1.5	7.5	6.8	15.5	12.0
MPIP0650-2R2MC	2.2	12.5	10.5	14.0	10.0
MPIP0650-3R3MC	3.3	22.0	14.0	12.0	8.5
MPIP0650-4R7MC	4.7	25.0	22.0	10.0	7.0
MPIP0650-6R8MC	6.8	41.0	28.0	9.0	6.0
MPIP0650-100MC	10	55.0	42.0	6.5	4.5
MPIP0650-150MC	15	85.0	65.5	4.5	3.1
MPIP0650-220MC	22	140	100.0	4.0	2.5
MPIP0650-330MC	33	180	140.0	3.5	2.3
MPIP0650-470MC	47	230	200.0	2.6	2.0

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 : $-55^\circ\text{C} \sim 155^\circ\text{C}$