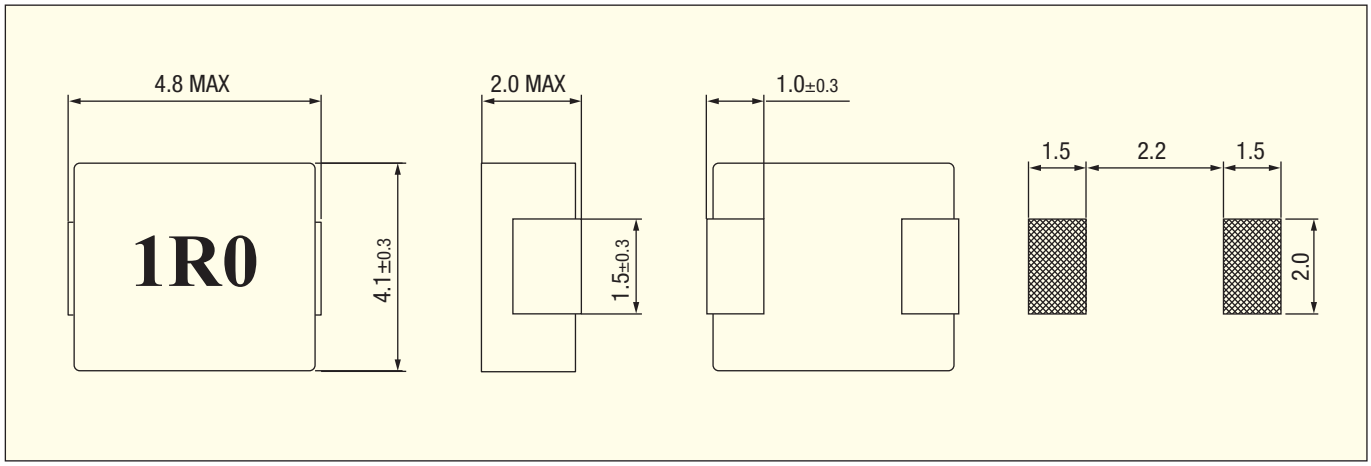
MPIP0420 SERIES

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)
MPIP0420-R47MC	0.47	12	10.5	13.5	7.7
MPIP0420-R68MC	0.68	15.5	13.4	9.4	6.6
MPIP0420-1R0MC	1.0	21.1	18.5	8.6	5.5
MPIP0420-1R2MC	1.2	24.4	21.1	7.2	5.2
MPIP0420-1R5MC	1.5	33.7	29.1	6.0	4.3
MPIP0420-2R2MC	2.2	35.9	31.0	4.2	4.1
MPIP0420-3R3MC	3.3	57	49.2	3.8	3.5
MPIP0420-4R7MC	4.7	102.6	88.6	3.4	2.3
MPIP0420-6R8MC	6.8	153.7	132.7	2.5	2.0
MPIP0420-100MC	10	317	280	2.0	1.3

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.