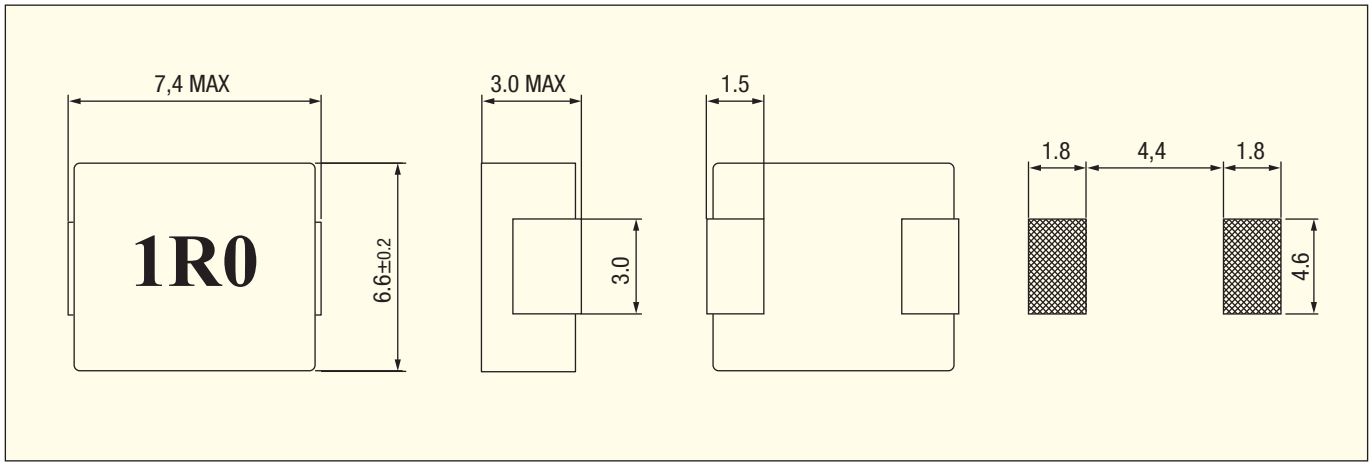
MPIP0630 SERIES

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)
MPIP0630-R47MC	0.47	4.1	3.8	27.0	14.0
MPIP0630-R56MC	0.56	5.0	4.2	18.0	13.0
MPIP0630-R68MC	0.68	6.5	5.5	24.0	13.0
MPIP0630-R82MC	0.82	7.5	6.8	23.0	12.5
MPIP0630-1R0MC	1.0	9.0	8.4	22.0	12.0
MPIP0630-1R5MC	1.5	12.0	10.5	18.0	9.5
MPIP0630-2R2MC	2.2	18.5	15.5	14.0	8.5
MPIP0630-3R3MC	3.3	28.0	23.0	12.0	6.0
MPIP0630-4R7MC	4.7	40.0	34.0	9.0	5.5
MPIP0630-6R8MC	6.8	60.0	47.0	8.0	4.5
MPIP0630-100MC	10	68.0	61.0	5.5	4.0
MPIP0630-150MC	15	120.0	105.0	5.0	3.0
MPIP0630-220MC	22	167.0	128.0	3.2	2.5

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.