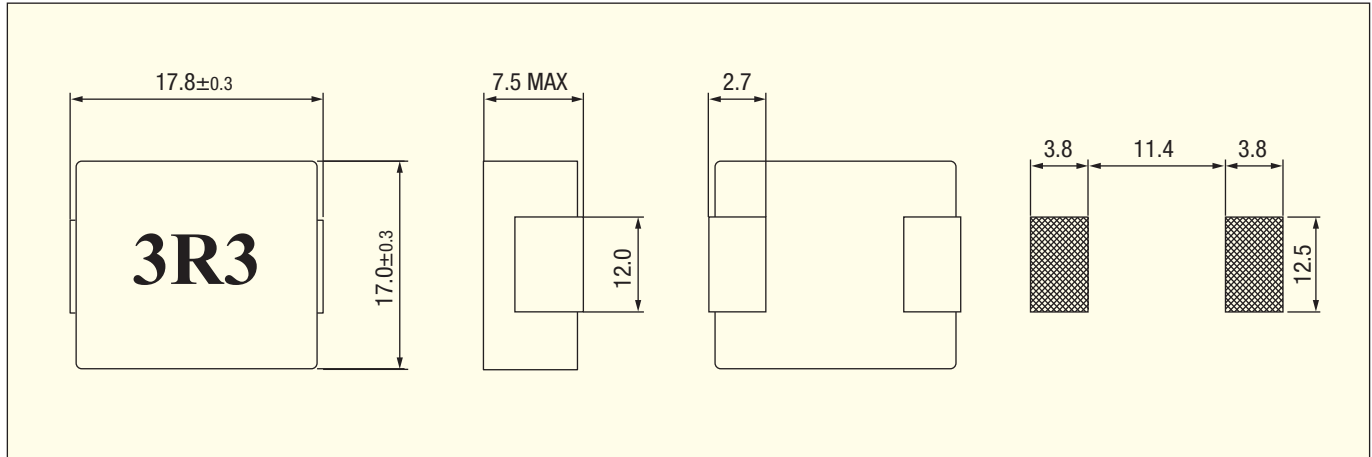


# MPIP1775 SERIES

## STANDARD EXTERNAL DIMENSIONS - mm



## PRODUCT SPECIFICATION

Part Number	Inductance (μH±20%)	DC Resistance (mΩMAX)	DC Resistance (mΩTYP.)	Saturation Current (A TYP.) <sup>(1)</sup>	Temperature Rise Current (A TYP.) <sup>(2)</sup>
MPIP1775-1R0M	1.0	2.1	1.6	66	42
MPIP1775-1R5M	1.5	2.5	1.9	65	40
MPIP1775-2R2M	2.2	2.95	2.3	60	35
MPIP1775-3R3M	3.3	3.9	3.1	50	30
MPIP1775-4R7M	4.7	5.2	3.9	32	24
MPIP1775-5R6M	5.6	6.5	5.3	33	20
MPIP1775-6R8M	6.8	8.0	6.6	31	19
MPIP1775-8R2M	8.2	9.5	8.0	30	17
MPIP1775-100M	10	13.0	11.0	25	10
MPIP1775-150M	15	17.0	15.0	24	9.5
MPIP1775-220M	22	25.0	22.7	20	9.0
MPIP1775-330M	33	37.0	32.0	9.0	8.0
MPIP1775-470M	47	47.0	40.0	8.0	6.0
MPIP1775-680M	68	85.0	73.0	7.0	4.7
MPIP1775-101M	100	130	118	12	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