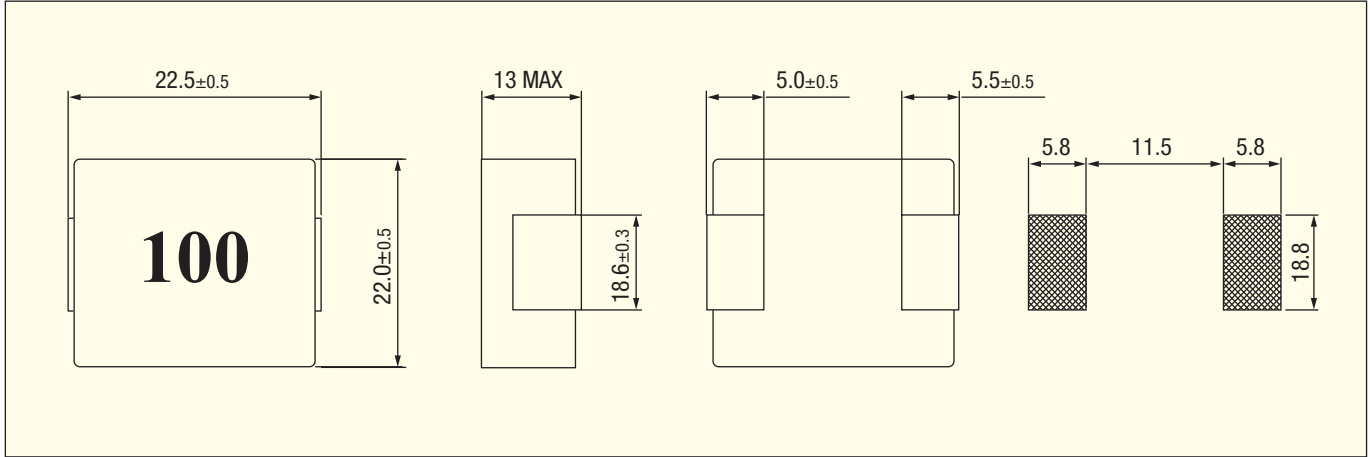


MPIP2213 SERIES

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⁾ |
|---------------|--|---|---|---|---|
| MPIP2213-100M | 10 | 4.2 | 3.8 | 28.0 | 28.0 |
| MPIP2213-150M | 15 | 13.5 | 11.6 | 24.0 | 8.5 |
| MPIP2213-220M | 22 | 23.0 | 18.5 | 25.0 | 7.5 |

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

† Transient pulse not to exceed 1 millisecond.

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