



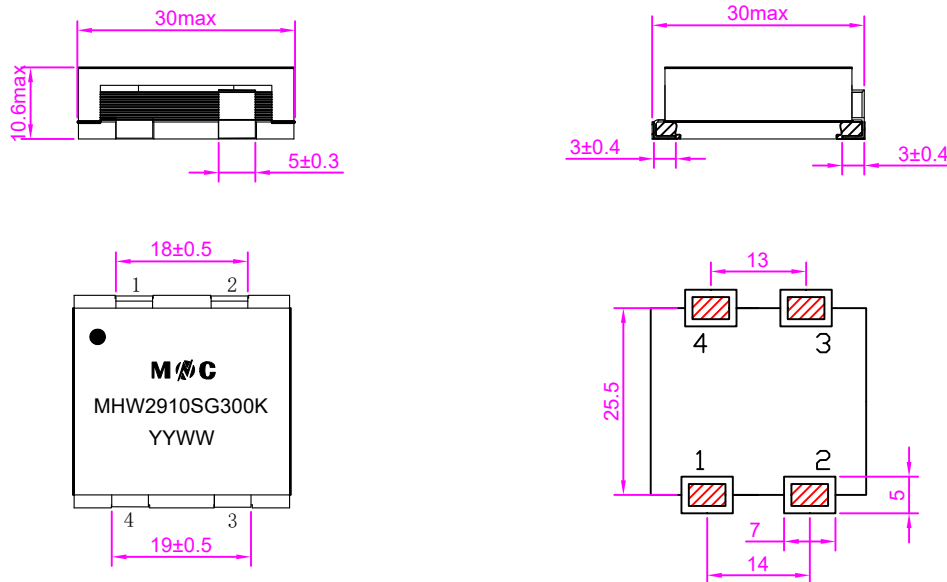


-  IEC 62368-1 Compliant.
-  RoHS Compliant.
-  Surface Mount Device.
-  Operating temperature range(Including self temperature rise): -40°C to +125°C.



| Electrical Specifications @25°C | | | | |
|---------------------------------|----------------------------|-----------------|-------------|-------------|
| Part Number | L(μH ±10%) @100KHz,1Vac | DCR (mΩ max) | Isat (A) | Irms (A) |
| | | 1-2 | 1-2 | 1-2 |
| MHW2910SG300K | 30 | 10 | 40 | / |

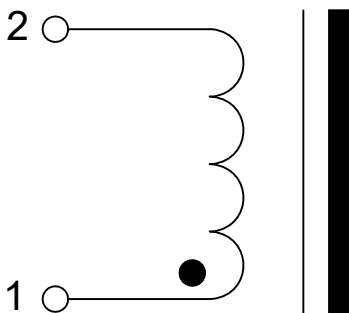
SCHEMATICAL DIMENSIONS



SUGGESTED PAD LAYOUT

Unless otherwise specified all tolerances are:±0.3 mm

SCHEMATICS



- * Isat *1 : DC current(A)that will Cause Lo to Drop approximately 30%.
- * Temp.Rise Current*2: DC current(A)that will cause an Approximate ΔT of 55°C.