



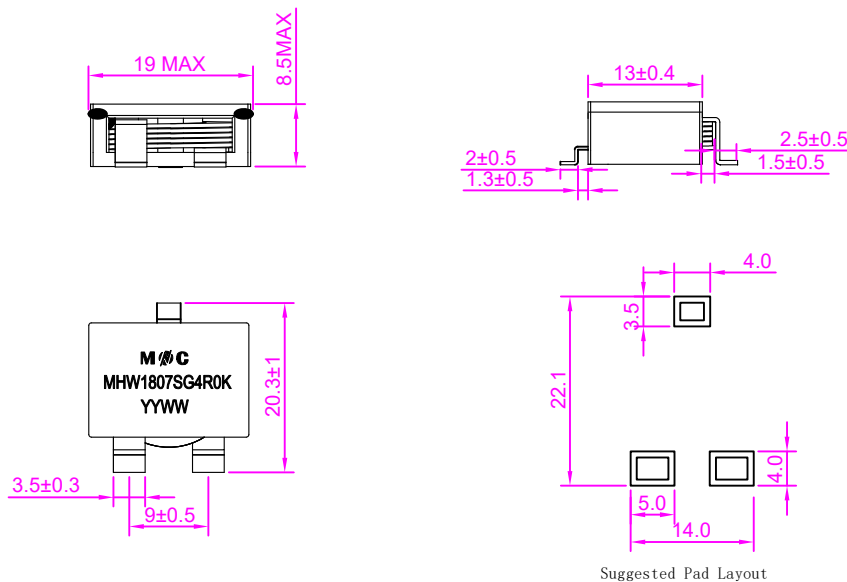


-  IEC 62368-1 Compliant.
-  RoHS Compliant.
-  Surface Mount Device.
-  Operating temperature range(Including self temperature rise): -40°C to +125°C.



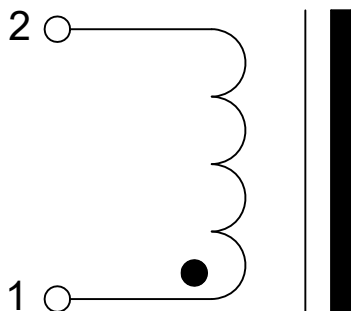
Electrical Specifications @25°C				
Part Number	L(μH ±10%) @100KHz,1Vac	DCR (mΩ max)	Isat (A)	Irms (A)
		1-2	1-2	1-2
MHW1807SG4R0K	4.0	3.0	18	14

## SCHEMATICAL DIMENSIONS



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.