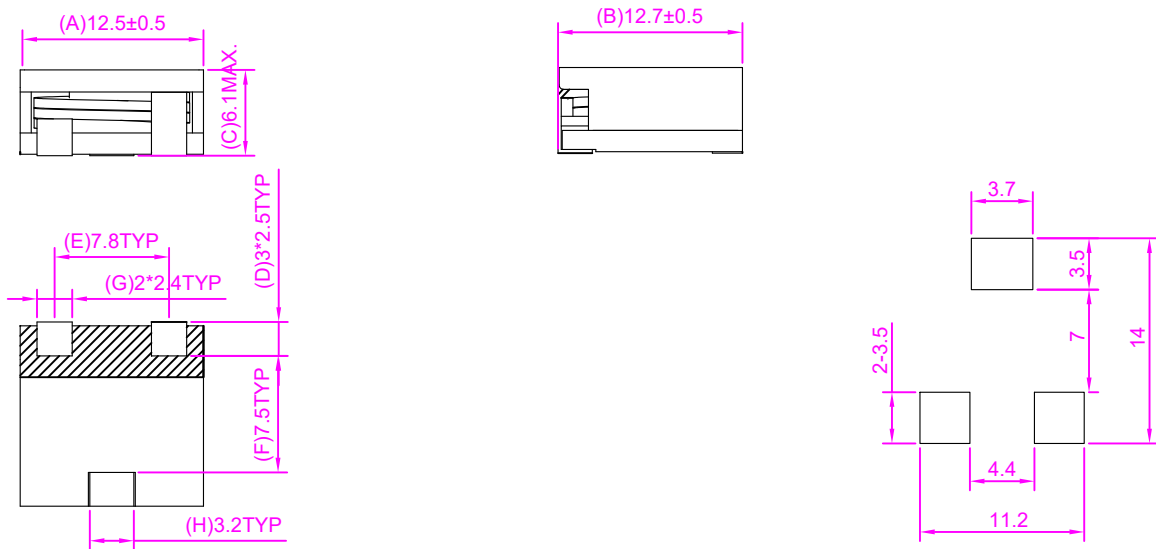


- IEC 62368-1 Compliant.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range(Including self temperature rise): -40°C to +125°C.



Electrical Specifications @25°C				
Part Number	L(μH ±20%) @100KHz, 1Vac	DCR (mΩ max)	Isat (A)	Irms (A)
	1-2	1-2	1-2	1-2
MHW1306SG1R0M	1.0	1.18	30	20

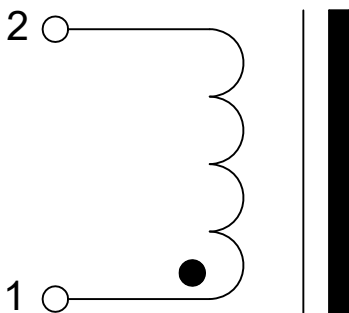
## SCHEMATICAL DIMENSIONS



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.