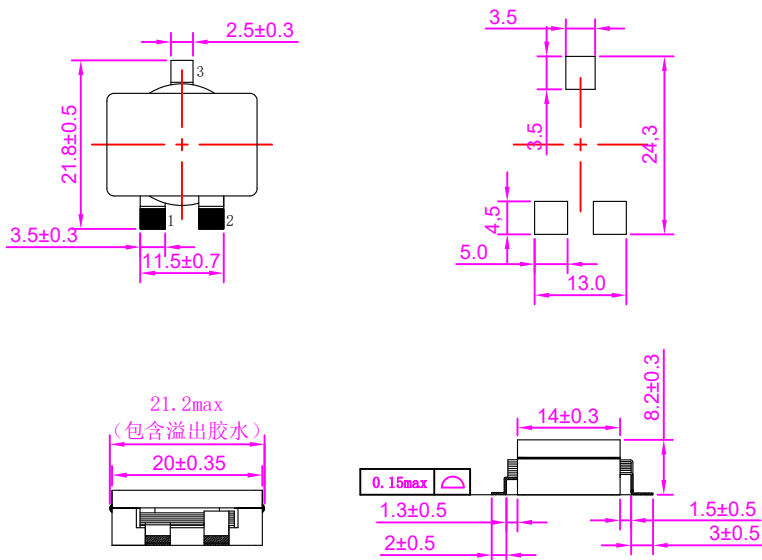


- IEC 62368-1 Compliant.
- RoHS Compliant.
- Surface Mount Device.
- Operating temperature range(Including self temperature rise): -40°C to +125°C.



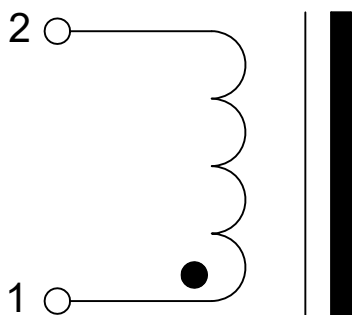
Electrical Specifications @25°C				
Part Number	L(μH ±10%) @100KHz,1Vac	DCR (mΩ max)	Isat (A)	Irms (A)
		1-2	1-2	1-2
MHW2009SG7R0KA	7.0	7.0	18	7

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.