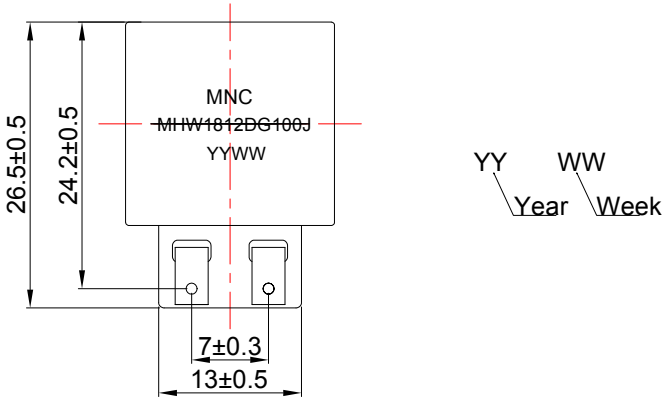
POWER INDUCTOR

- RoHS Compliant (RoHS6).
- Termination finished: Sn-0.7Cu.
- Storage temperature range : -40℃ to +125℃.
- Operate temperature range: -40℃ to +125℃(including self-temperature rise)

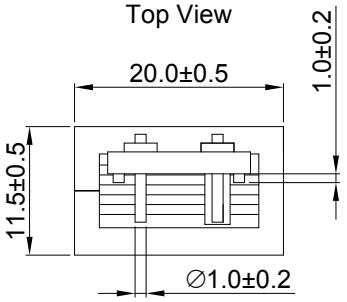
Electrical Specifications @25℃					
Part Number	OCL(uH±8%) @100KHz,1V	DCR (mΩ max)	Hi-pot	Isat(A) @25°C	Irms(A)
	1-2	1-2	WDG-Core	1-2	1-2
MHW1812DG100J	10	4.0	200Vdc 3mA,2S	17	15

- Saturation Current (Isat) is the current which causes the inductance to drop 30% MAX from the inductance without current
- The temperature rise current (Irms) is the current that caused a approx 45℃temperature rise from 25℃ ambient.
- The rated current as listed is either the saturation current (Isat)or the temperature rise current (Irms) depending on which value is lower.

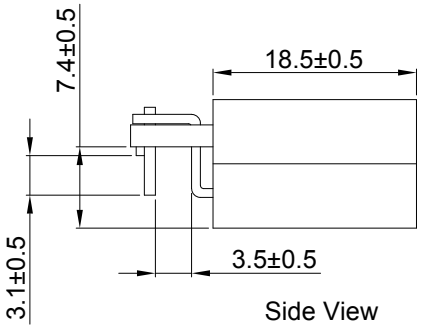
MECHANICAL DIMENSIONS (units mm)



Top View



Front View



Side View

SCHEMATICS



- Start Winding