








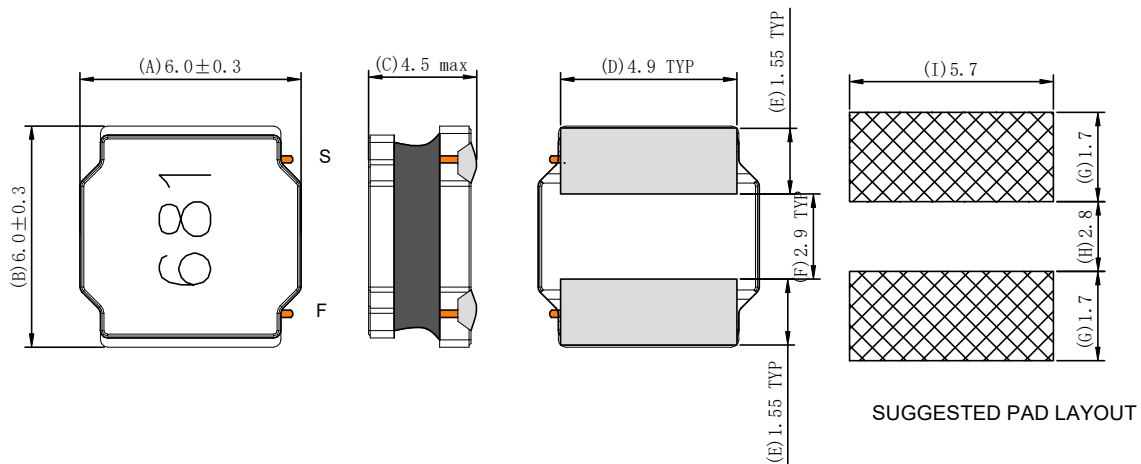
-  RoHS Compatible (RoHS6)
-  Termination finished: Sn
-  Operate temperature range: -40°C to +125°C (Including coil' self temperature rise)
-  Storage temperature range : -40°C to +125°C



Electrical Specifications @25°C				
Part Number	ACL (uH) @100KHz, 0. 25V	DCR (mΩ) ± 30%	Isat (A)	Irms (A)
	S-F	S-F	S-F	S-F
MDRH6045S1681M	680 ± 20%	3700	0. 40	0. 30

-  The saturation current value (Isat) is the DC current value having inductance decrease down to 30% max. (at 25°C)
-  The temperature rise current value (Irms) is the DC current value having temperature increase up to 40°C. (at 25°C)
-  The rated current as listed is either the saturation current (Isat) or the temperature rise current (Irms) depending on which value is lower.

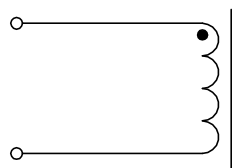
MECHANICAL (Unit: mm)



NOTE:

1. Unless otherwise specified all tolerances are: typical.
2. "S" is winding start, "F" is winding finish.
3. Add "S" and "F" on the side of lead wire, in order to distinguish the direction of S-F, therefore the number "1" of marking "681" corresponds to the start of the winding.

SCHEMATICS



PAN SIZE: 1500PCS/REEL
UNIT WEIGHT: 0.6g