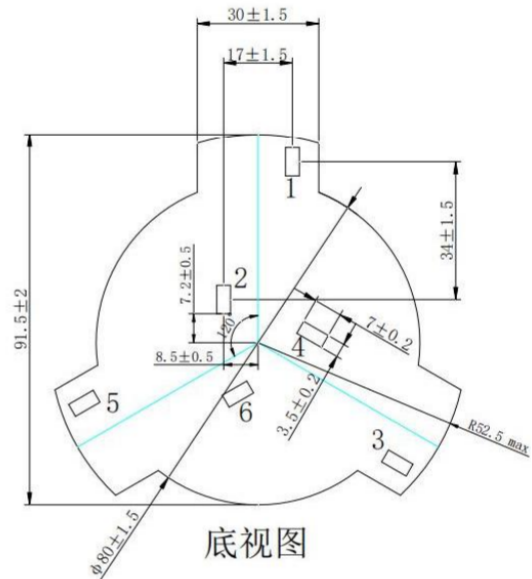
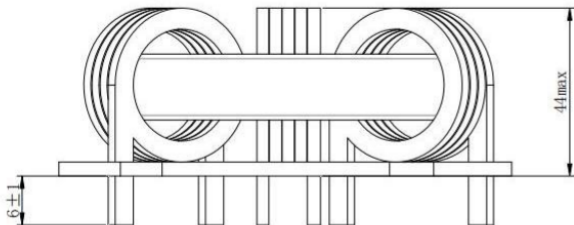


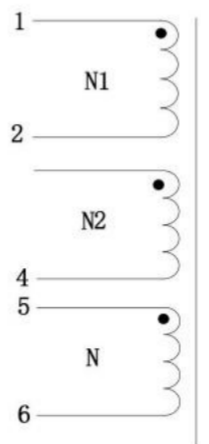
## DIP Magnetic Inductance

### ◆ Dimensions(Unit:mm):



### ◆ Schematic:

3\*6\*5TS Ref.



● START

**◆ Electrical Characteristics:**

Type No	L(mH)	DCR(mΩ)	Irms(A)	High-Pot: N1TO N2 TO N3 AC2500V 1mA 5S
	Min	MAX	MAX	
SLT9544V182MBP	1.8	3	160	

- ※
1. Inductance is tested at 1KHZ 1V.30Ω
  2. Heat rating current: The value of DC current when product temperature rise is  $\Delta T40^{\circ}\text{C}$  ( $T_a=25^{\circ}\text{C}$ ).
  3. Saturation current: The value of DC current when the inductance decreases 30% of its initial value.
  4. Special remind: Circuit design, component placement, frequency, cooling system and etc. all will affect the product temperature. Please verify the actual product temperature in the final application.
  5. All data is tested on  $25^{\circ}\text{C}$  ambient temperature.
  6. Operating temperature range :  $-25^{\circ}\text{C} \sim +125^{\circ}\text{C}$  (Including self-temperature rise)

**Notes:**

1. The best assembly quality guarantee period of product : 12 months (From manufacture date),  
Storage condition : seal in packaging, temperature  $\leq 40^{\circ}\text{C}$ , RH  $\leq 70\%$ .
2. If taking out for use, the remaining products should be sealed in plastic bags and preserved in accordance with the above conditions, to avoid oxidation of electrodes and affect soldering status.
3. Do not keep products in unsuitable storage conditions,  
such as areas susceptible to high temperature, high humidity, dust or corrosion.
4. Always handle products with care to avoid damage.
5. Do not touch electrodes with bare hands directly, as oil secretions may inhibit soldering.  
Always ensure optimum conditions for soldering.
6. When product will be used on a similar or new project to the original one,  
sometimes it might be unable to satisfy the specification due to different condition of usage.
7. This product itself does not have any protective function in abnormal conditions,  
such as overload, high temperature, high voltage and etc.
8. Hi-Pot test with higher voltage than spec value will damage insulation material and shorten its life.
9. If using in potting compound, the product might be damaged, please consult with us.
10. Please do not clean this product. If necessary, please consult with us