

## 1. Application 用途

- ◆ Industrial, Automotive and so on

## 2. Features 特性

- ◆ SMD and flattened design
- ◆ Comply with AEC-Q200, IEC62368
- ◆  $\geq 98\%$  Efficiency
- ◆ ROHS、Reach Compliant
- ◆ Operating Temperature Range:  $-40^{\circ}\text{C}$  to  $+155^{\circ}\text{C}$

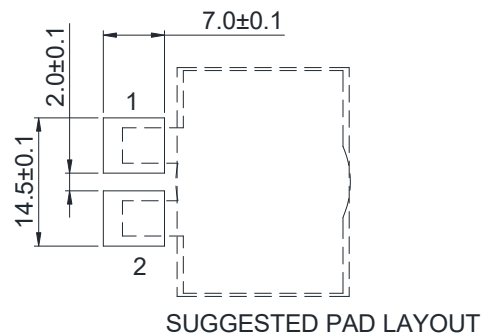
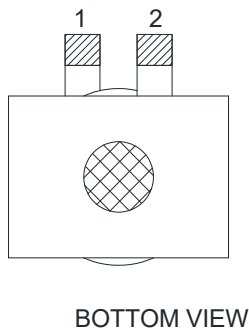
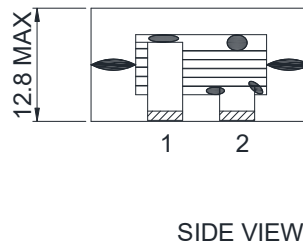
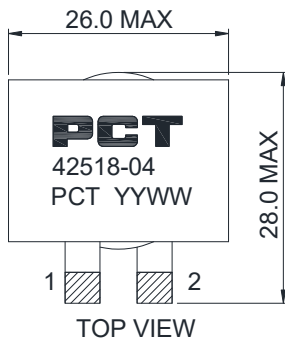
## 3. Picture 图片



## 4. Schematic 原理图



## 5. Dimension (Unit: mm) 外形尺寸



## 6. Electrical Characteristics 电气特性

Electrical Specifications@25°C

Part NO.	Inductance (uH)		Lk(uH)	Turns Ratio	DCR			HI-POT(VDC)
	100KHz,0.5V	100KHz,0.5V	100KHz,0.5V	20KHz,1V	(mΩ MAX)			0.01mA/3S
42518-04	1-2	/	/	L	1-2	/	/	1-CORE
	3.33~4.07	/	/	/	1.27	/	/	500