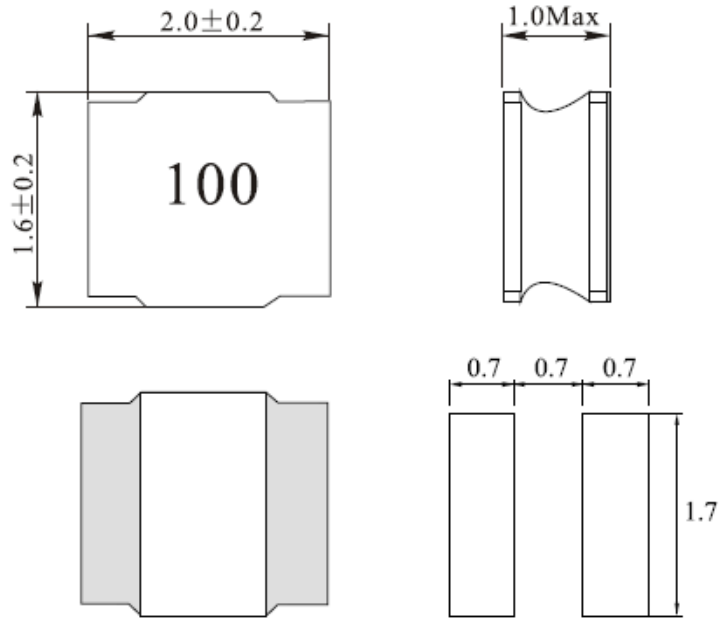
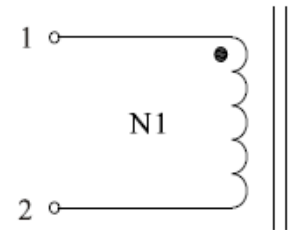


1. PHYSICAL CHARACTERISTICS( mm)



Suggested pad layout

2. ELECTRONICAL SCHEMATIC



3. ELECTRONICAL SPECIFICATIONS

- L: 10uH ±20% @1.0KHz, 0.25V
- DCR: 1.02 Ω Max
- Irms: 0.45A Max (Temp. rise 40°C Max)
- Isat: 0.5A Max (Inductance drop 30% Max)
- Operating temperature: -40°C to +125°C  
(Including temp. rise 40°C)
- Storage temperature: -40°C to +125°C

Test Instrument:

L: HP4284A, RDC: HM2540

Note:

1. Solderability: leads shall meet MIL-STD-202, Method 208D for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: >28%

TOLERANCE			
SCALE	UNIT mm		
DRAW Johnson	DATE 6.30.2021	TITLE	
CHECK	REV	<b>SPS201610-100M-0,45A</b>	
		DESCRIPTION	
		Shielded inductor 10uH; 20%; 2x1,6x1mm	