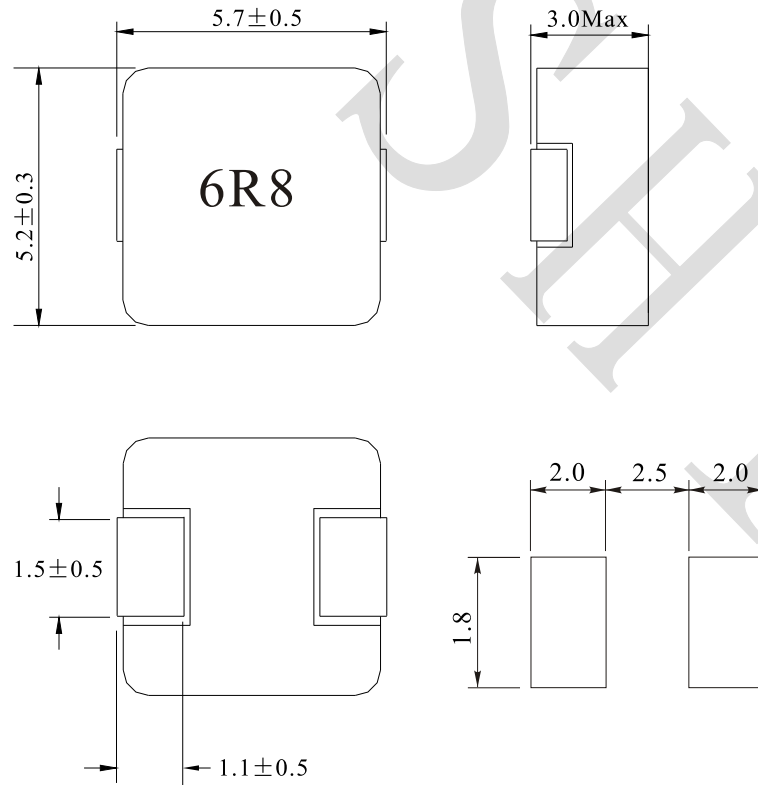
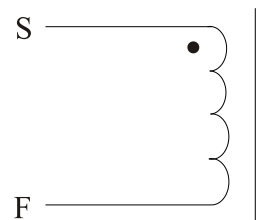


Rev.	Description	Date
A0	New release	2023.10.11

1. PHYSICAL CHARACTERISTICS (mm)



2. ELECTRONICAL SCHEMATIC



3. ELECTRONICAL SPECIFICATIONS

Inductance: $6.8\mu\text{H} \pm 20\% @ 100\text{KHz}, 1\text{V}$

Rated current: $4.0\text{A Max (temperature rise } 40^\circ\text{C Max)}$

Saturation current: $4.3\text{A Max (L drop } 30\% \text{Max)}$

DCR: $76.2\text{m}\Omega \text{ Max}$

Operating temperature: $-25^\circ\text{C to } +125^\circ\text{C}$

(Including self temp. rise)

Storage temperature: $-25^\circ\text{C to } +85^\circ\text{C}$

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: $>28\%$

NAME:	Power inductors		
CUSTOMER P/N:	SRP5030T-6R8M	DATE:	2023-10-11
SHINHOM P/N:	LPM0530-6R8M-4.0A	REV: A0	PAGE
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