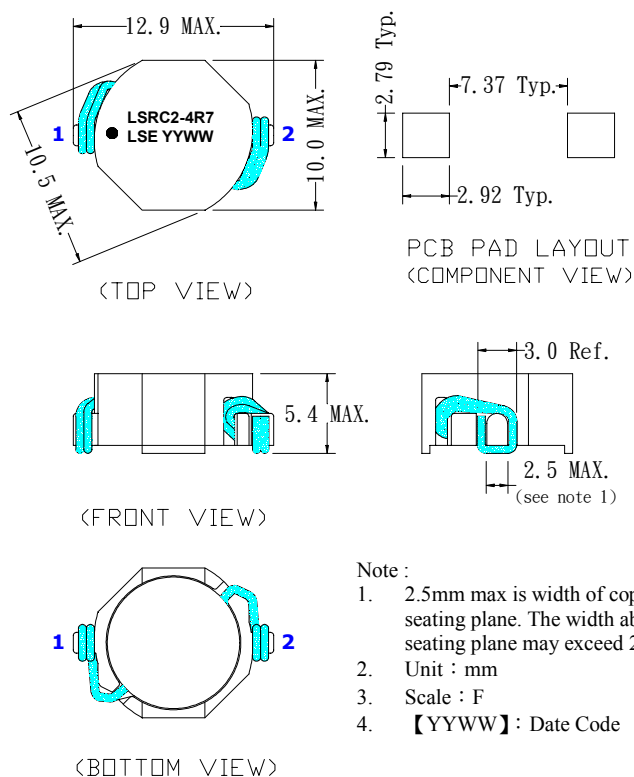


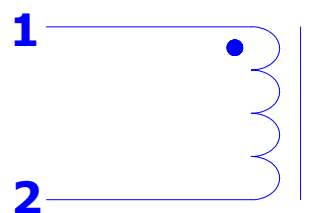
Mechanical



Feature

- ◆ Inductance range from $0.470 \mu\text{H}$ to $1000 \mu\text{H}$
- ◆ Current range up to 18.6 Amps peak
- ◆ Meet UL94V-0 flammability standard

Schematic



Electrical Characteristics :

A. Operating Temperature : $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

B. Storage Temperature : $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

C. Infrared reflow temperature : $+125^{\circ}\text{C}$ for 30 seconds max.

D. D.C. Resistance : (20°C)

$R(1-2) : 14.5 \text{ m}\Omega \text{ max.}$

E. Open Circuit Inductance :

$L(1-2) : 4.41 \mu\text{H} \pm 20\% \quad @ 100.0 \text{ KHz}, 0.25\text{V}, 0.0 \text{ A}, L_s$

F. RMS current : For an approximate ΔT of 40°C at an ambient temperature of 85°C
5.625 Amperes

G. Peak current : For approximate 30% rolloff @ 20°C
6.20 Amperes

Approved	Checked	Prepare	Date	Page	Rev.
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