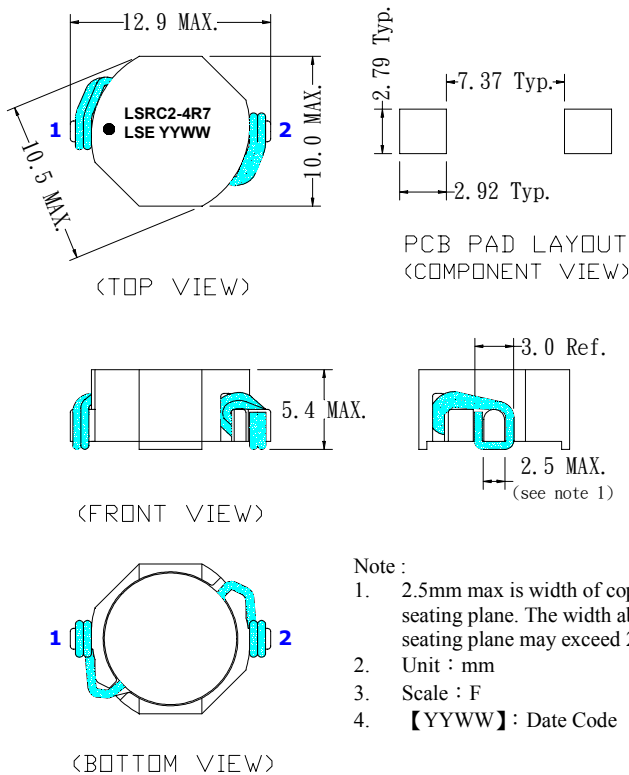


Mechanical

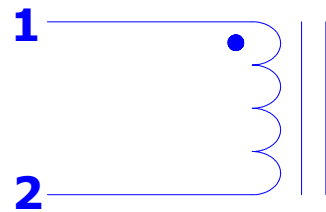


- Note :
1. 2.5mm max is width of copper at seating plane. The width above the seating plane may exceed 2.5mm.
 2. Unit : mm
 3. Scale : F
 4. 【YYWW】 : Date Code

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. |
|-------------------|-------------------|--------------------|-------------|------|------|
| 許神長 26-SEP-200 | 蔡金忠 25-SEP-200 | 胡文秀 25-SEP-2003 | 25-SEP-2003 | 1/1 | 0 |