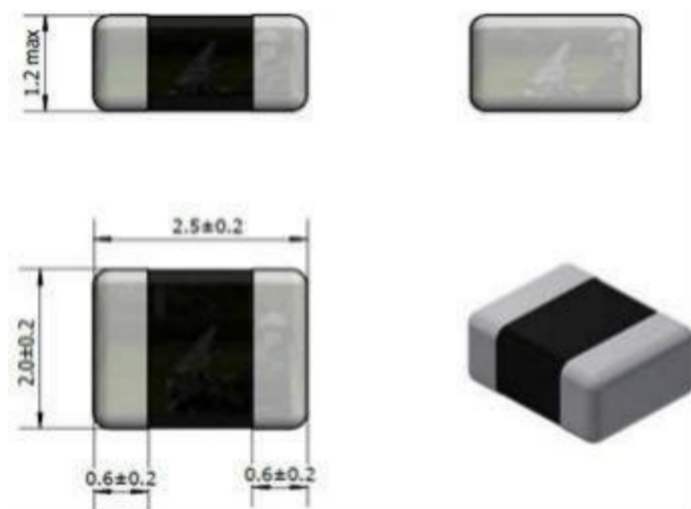
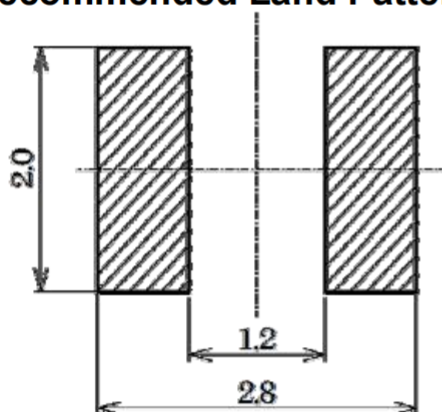


Mini Molded Chip Power Inductors

◆ Appearance and dimensions:(mm)



◆ Recommended Land Pattern



SLO 252012 H 100 M F T

(1) (2) (3) (4) (5) (6) (7)

(1).Series Type

(2).Dimension

(3).Material Code

(4).Inductance:100=10uH

(5).Inductance Tolerance:M=±20%

(6).Company Code

(7).Packaging:Packed in embossed carrier tape

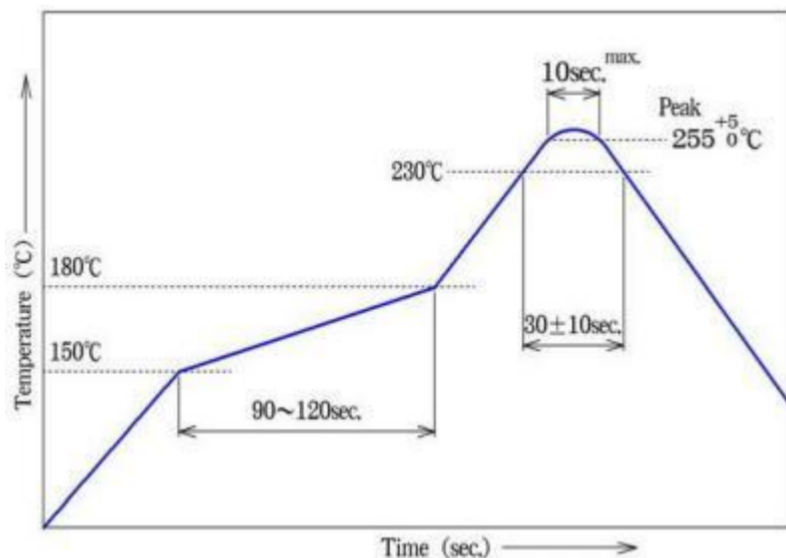
◆ Specifications

Part Number	L0(uH) ±20%	Rdc(mΩ)		Saturation current I _{sat} (A)		Heat rating current I _{rms} (A)	
		Typ	Max	Max	Typ	Max	Typ
SLO252012H100MFT	10	450	400	1.1	1.4	0.88	1.1

Product characteristic description:

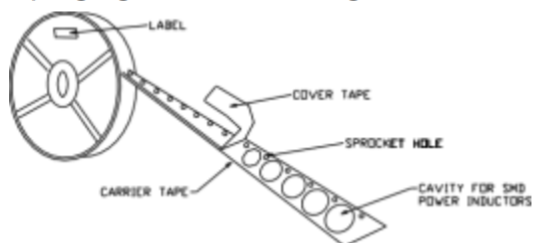
1. Inductance is measured with Keysight Technologies LCR meter 4285A. Equivalent measurement equipment may be used.
2. Test Condition: 1MHz, 0.5V_{rms}.
3. I_{rms}: Rated current: smaller value of either I_{sat} or I_{temp}.
4. I_{sat}: When based on the inductance change rate (3 0 % below the initial L value).
5. I_{temp}: When based on the temperature increase (temperature increase of 40°C by self heating). In the end application, the circuit design should be such that the part temperature rise does not exceed 40 °C.
6. Withstand DC Voltage: 20V; Perating Voltage: 16V.

◆ Recommended Reflow Profile



◆ Package Information

Taping figure and drawing direction



Packaging quantities: 3000PCS/Reel

Peeling strength of cover tape

The peel force of top cover tape shall be between 0.1N to 1.3N

