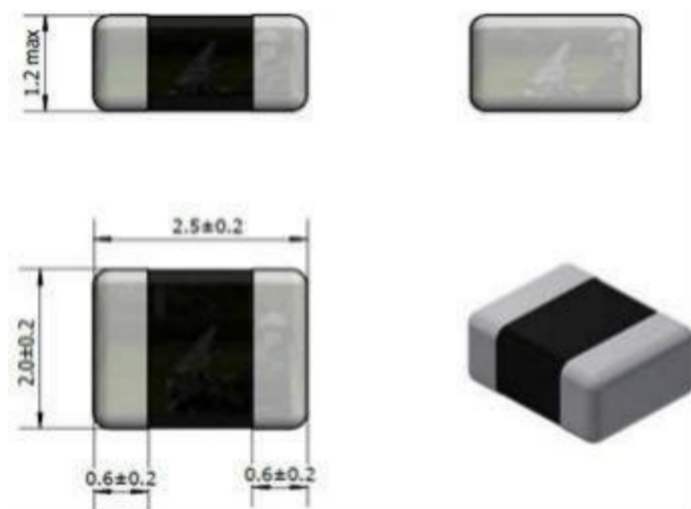
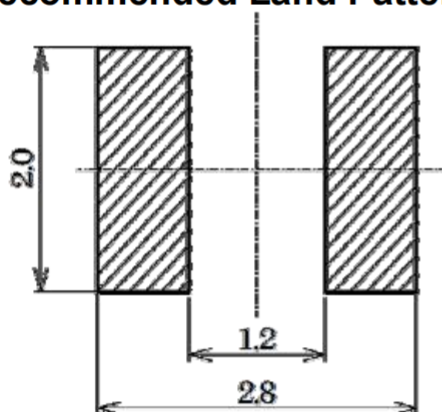


Mini Molded Chip Power Inductors
◆ Appearance and dimensions:(mm)

◆ Recommended Land Pattern

SLO 252012 H 1R0 M F T

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

(1).Series Type

(2).Dimension

(3).Material Code

(4).Inductance:1R0=1.0uH

(5).Inductance Tolerance:M=±20%

(6).Company Code

(7).Packaging:Packed in embossed carrier tape

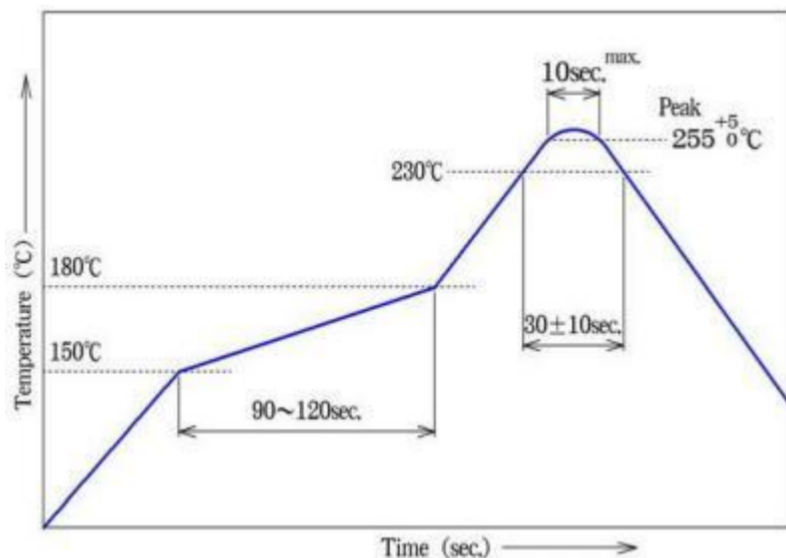
◆ Specifications

Part Number	L0(uH) ±20%	Rdc(mΩ)		Saturation current I _{sat} (A)		Heat rating current I _{rms} (A)	
		Typ	Max	Max	Typ	Max	Typ
SLO252012HR22MFT	0.22	20	15	7.3	8.9	5.0	5.9
SLO252012HR33MFT	0.33	24	18.5	6.9	8.0	4.7	5.55
SLO252012HR47MFT	0.47	26	21.5	5.5	6.6	4.5	5.5
SLO252012HR62MFT	0.62	30	25	5.4	6.5	4.4	5.5
SLO252012HR68MFT	0.68	30	25	4.8	5.7	4.4	5.5
SLO252012H1R0MFT	1.0	46	38	4.7	5.3	3.2	4.0
SLO252012H1R5MFT	1.5	68	57	3.8	4.6	2.5	3.1
SLO252012H2R2MFT	2.2	95	79	3.1	3.4	2.2	2.7
SLO252012H3R3MFT	3.3	157	131	2.3	2.7	1.7	2.1
SLO252012H4R7MFT	4.7	212	177	2.0	2.3	1.4	1.75
SLO252012H6R8MFT	6.8	340	285	1.7	2.05	1.1	1.4

Product characteristic description:

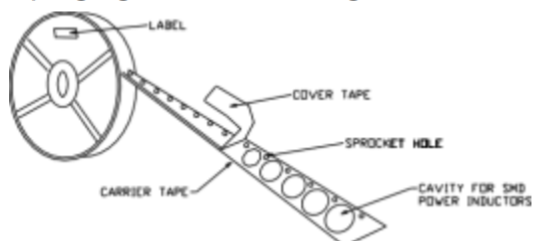
1. Inductance is measured with Keysight Technologies LCR meter 4285A. Equivalent measurement equipment may be used.
2. Test Condition: 1MHz, 0.5V_{rms}.
3. I_{rms}: Rated current: smaller value of either I_{sat} or I_{temp}.
4. I_{sat}: When based on the inductance change rate (3 0 % below the initial 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

◆ 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

