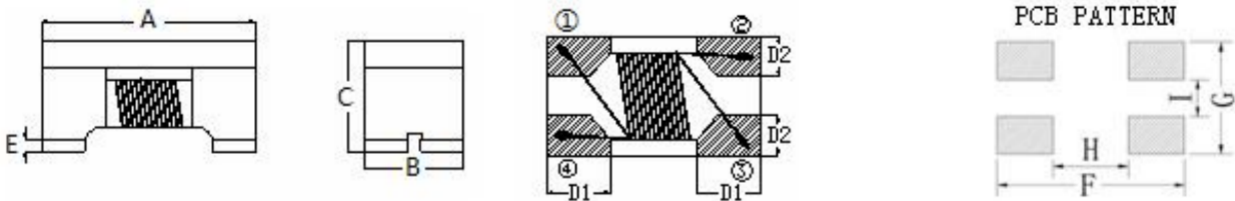


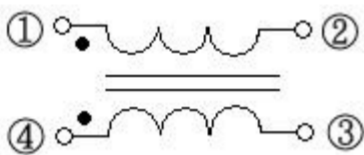
### Common Mode Chokes

#### ◆ Dimensions:



A	B	C	E	D1	D2	F	G	I
3.4±0.2	1.6±0.2	2.0±0.2	0.2±0.1	0.7 Typ	0.6 Typ	3.5 Typ	1.6 Typ	0.4 Typ

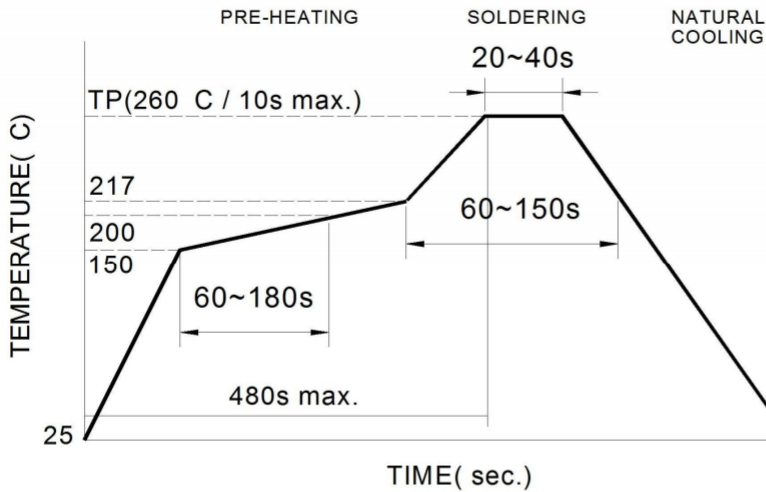
#### ◆ Schematic Diagram:



#### ◆ Electrical Characteristics:

Part Number	L	Freq	RDC	Irms	Rated Voltage
	uH(Min)	KHz/V	Ω(Max)	mA(Max)	Volts
SMW3416S101ATT	100	100/0.1	3	120	50

- ※
1. Rating DC current: Temperature rise( $\Delta T$ ) is 40°C approximately at Irms
  2. Operating temp.: -40°C ~ +85°C
  3. Storage temp.: -10°C ~ +40°C R.H.: 65% Max
  4. Moisture sensitivity level (MSL) 2 (1 year floor life at <30°C/65% relative humidity)

**◆Soldering Conditions:**
**Figure 1. Re-flow Soldering (Lead Free)**


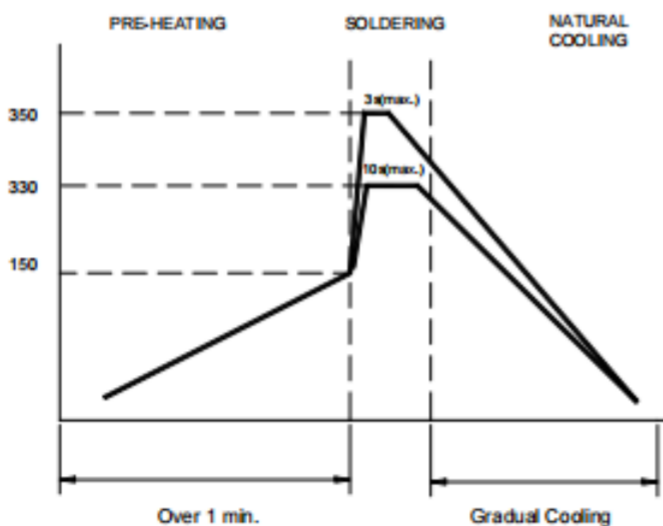
Note:

Preheat circuit and products to 150°C

260°C tip temperature (max)

Reflow times: no more than 2 times

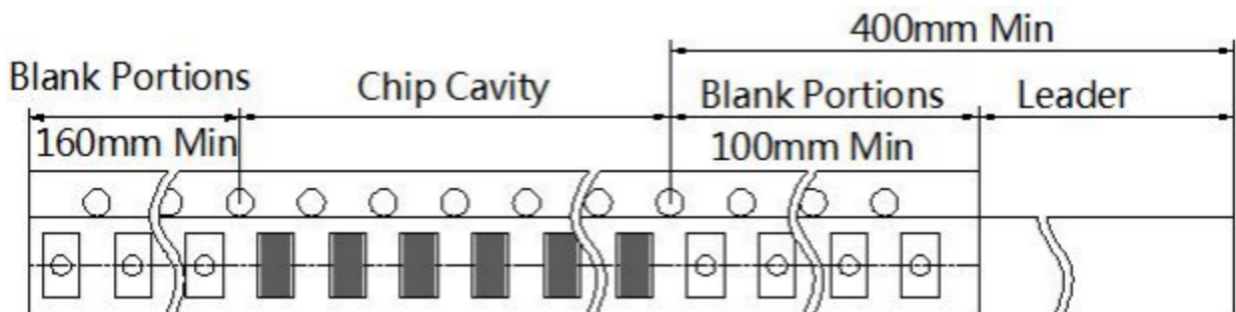
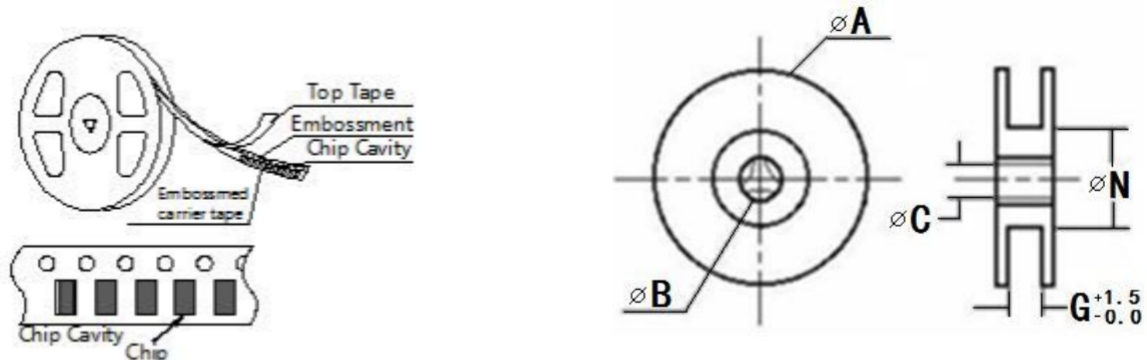
Solder paste thickness: the best 0.08mm is ,but max is 0.1mm

**Figure 2. Hand Soldering**


Note:

Use a 20 watt soldering iron with tip diameter of 1.0mm

Limit soldering time to 3 sec.

**◆ Packaging(unit:mm)**


**Peelling off force:0.05 to 0.7N in the direction show below**

Part No	A	B	C	N	G	Reel/T
SMW3416S101ATT	178.0±2.0	22.0±2.0	12.5±1.5	57.0±2.0	8.0	2000PCS

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