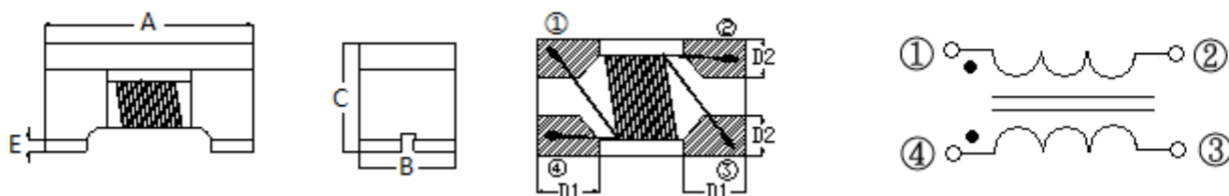


Common Mode Choke

◆ Dimensions(Unit:mm)



A	B	C	D1	D2	E
3.20±0.20	2.5±0.20	2.5 MAX	0.8 Typ	0.9 Typ	0.2±0.1

◆ Electrical Characteristics List:

NO.	Part Number	Z (10MHz)	L	Freq	Rdc (Single)	Idc	Rated Voltage	Insulation Resistance
		(Ω)	(μH)	(KHz/V)	(Ω)max	(mA)max	Volts	MΩ Min
1	SMW3225H110BTE	300 min	11	100/0.1	0.4	300	80	10
		500 typ	+50%/-30%					
2	SMW3225H220ATE	500 min	22	100/0.1	0.5	250	80	10
		1000 typ	+50%/-30%					
3	SMW3225H510ATE	1000 min	51	100/0.1	0.7	200	80	10
		2600 typ	+50%/-30%					
4	SMW3225H101ATE	2200 min	100	100/0.1	1.5	150	80	10
		5100 typ	+50%/-30%					
5	SMW3225H201ATE	10000 min	200	100/0.1	4.8	70	80	10
		15000 typ	+50%/-30%					

a. Rating DC current: Temperature rise(ΔT) is 40°C approximately at Irms.

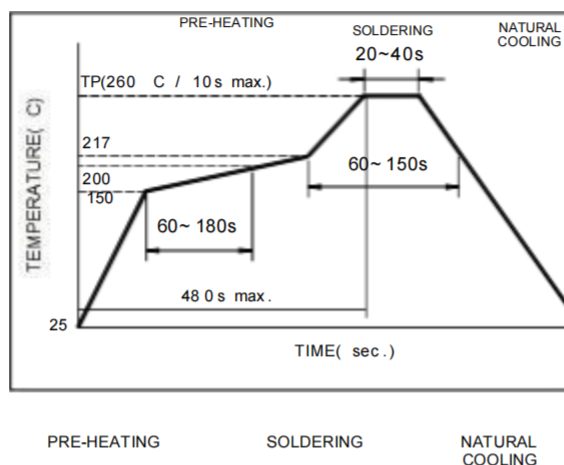
b. Operating temp.: -40°C ~ +85°C

c. Storage temp.: -10°C ~ +40°C R.H.: 65% Max

d. Moisture sensitivity level (MSL) 2 (1 year floor life at <30°C/65% relative humidity)

◆ Soldering Conditions

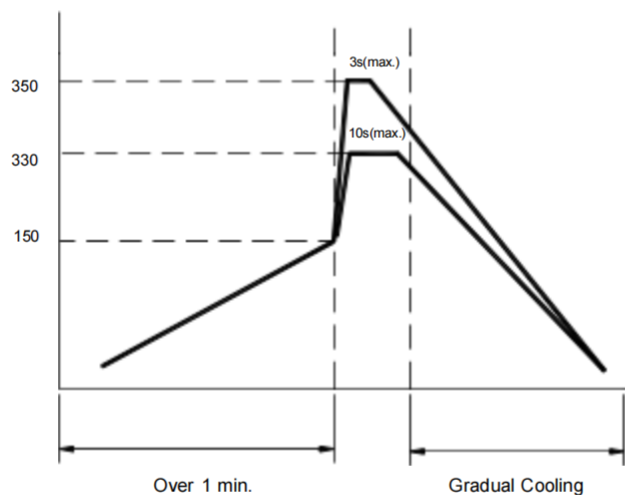
**Figure 1.
Re-flow
Soldering (Lead
Free)**



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 3.
Hand Soldering**

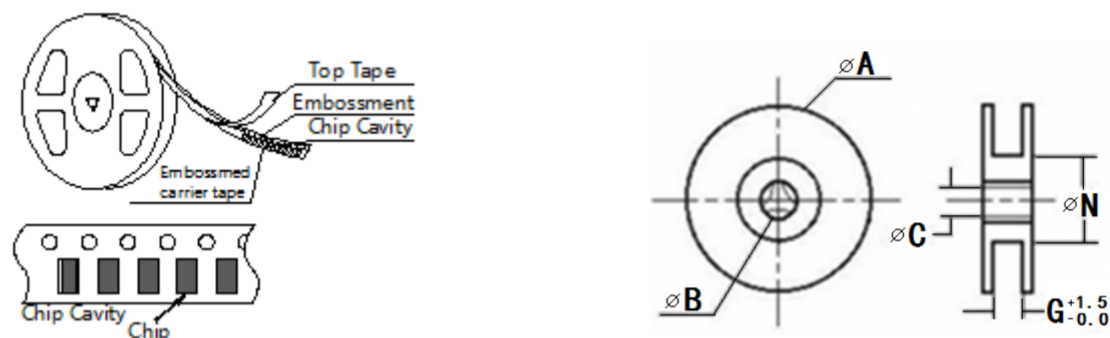


Note:

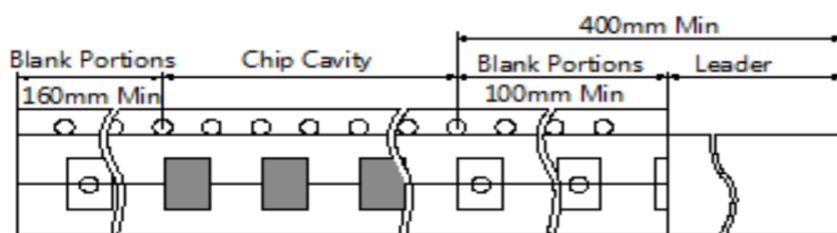
- Use a 20 watt soldering iron with tip diameter of 1.0mm
- Limit soldering time to 3 sec.

◆ PACKAGING(UNIT:mm)

Type	3225
Quantity	1000

TAPING DRAWINGS

REEL DIMENSIONS(UNIT:mm)

	A	B	C	N	G
CF-12	178±2.0	22±2.0	12.5±1.5	57±2.0	12

LEADER AND BLANK PORTION


PEELLING OFF FORCE: 0.05 to 0.7N in the direction show below

