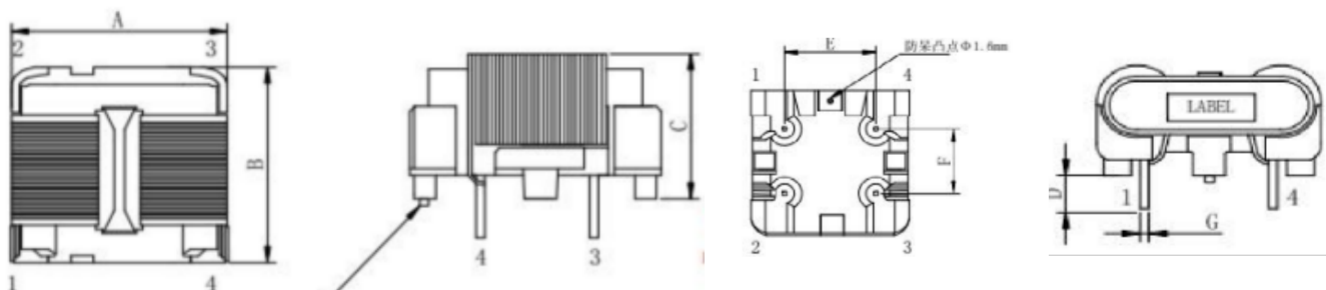


Common Mode Filter

◆ Dimensions(Unit:mm):

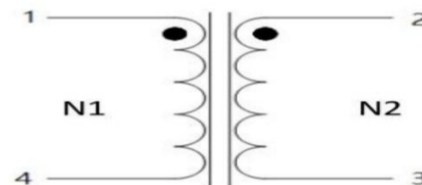


A	B	C	D	E	F	G
25.0Max	23.0Max	16.5Max	3.5±0.5	13.0±0.5	10.0±0.5	0.7±0.1

◆ Electrical Characteristics:

Item	Spec	Test FRE
L(uH)	8mh Min	1KHz/0.25V
DCR(mΩ)	100mΩ Max	25℃
Idc(A)	2~2.8A	1KHz/0.25V
	ΔT≤40℃ Typ	1KHz/0.25V

◆ Schematics



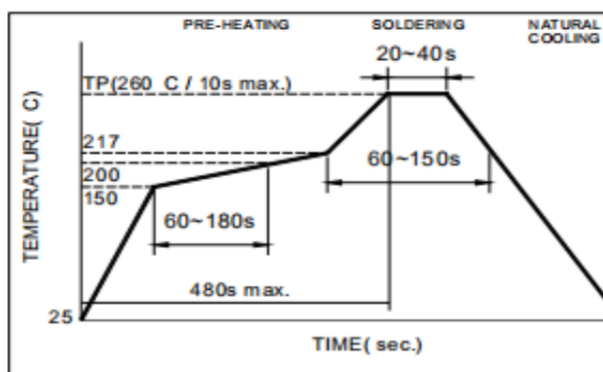
◆ Main Material List:

NO	Description	Material
1	Wire	SFT-UEW J180℃ 0.25*1.5*33(REF)
2	DR Core	Mn-Zn Painting
3	RI Core	NO
4	Base/Clip	T375HF 150℃
5	Epoxy	NO

◆ Operating Temperature: -45℃ ~ +105℃

◆ Soldering Conditions

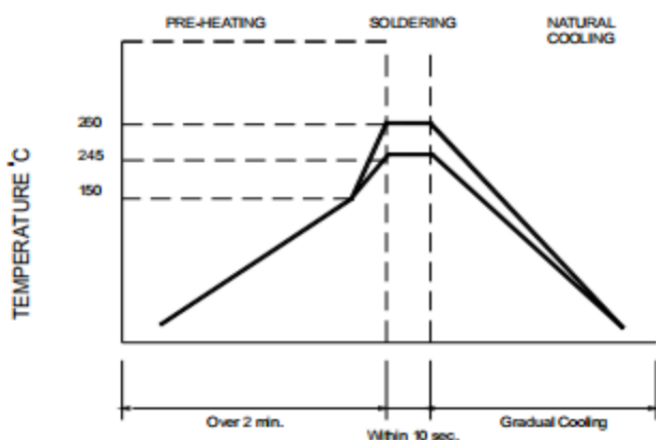
**Figure 1.
Re-flow
Soldering (Lead
Free)**



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

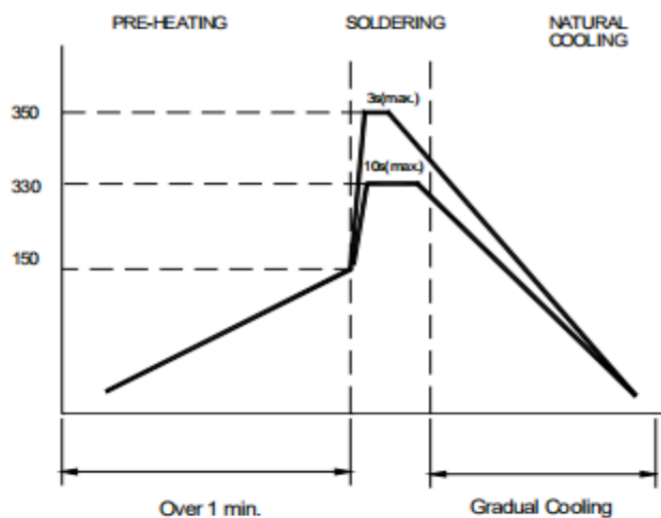
**Figure 2.
Wave Soldering**



Note :

- Never contact the ceramic with the iron tip
- 1.0mm tip diameter (max)

**Figure 3.
Hand Soldering**



Note:

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

◆ Packing:60PCS/Pallet