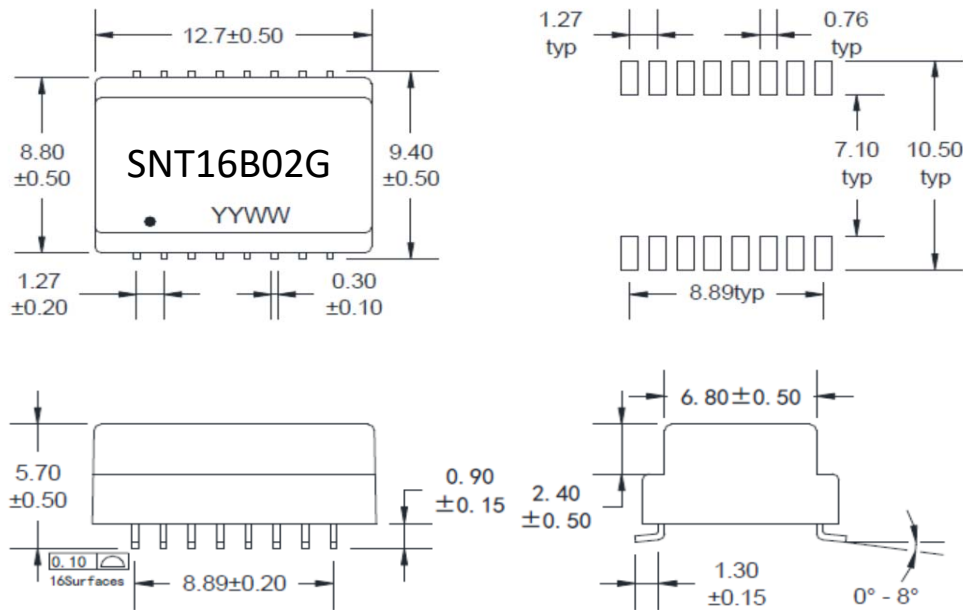


⊕ Shapes And Dimensions

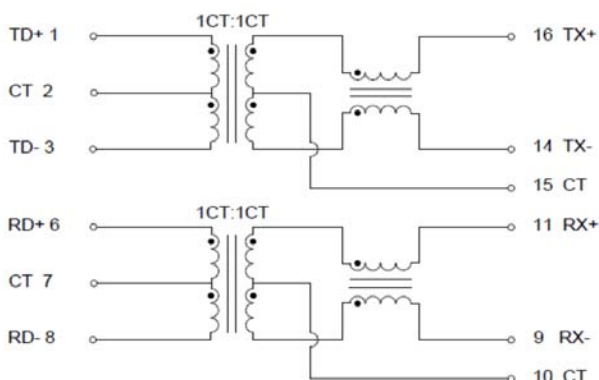


RSiN P/N	SNT16B02G
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⊕ Electrical Characteristics :

Test Item	Parameter		Specification	Test Instruments
OCL	16	14	350 (uH) Min	LCR METER1062A or Equ. @100KHz/0.1V 8mA DC BIAS @25°C
	11	9		
Leakage Inductance			0.5 (uH) Max	LCR METER1062A or Equ. @100KHz/0.1V @25°C
DCR	16	14	1400 (mΩ) Max	5300SAC LOW-OHM METER or Equ. @25°C
	11	9		
Insertion Loss	1-100MHz		-1.1 (dB) Max	
Return Loss	1-30MHz		-18 (dB) Min	
	40MHz		-14.4 (dB) Min	
	50MHz		-13.1 (dB) Min	
	60-80MHz		-12 (dB) Min	
Cross Talk	1-100MHz		-30 (dB) Min	
Isolation HI-POT	1500VAC,1mA,1S			19053 or Equ.
Turn Ratio	1CT:1CT±5%			

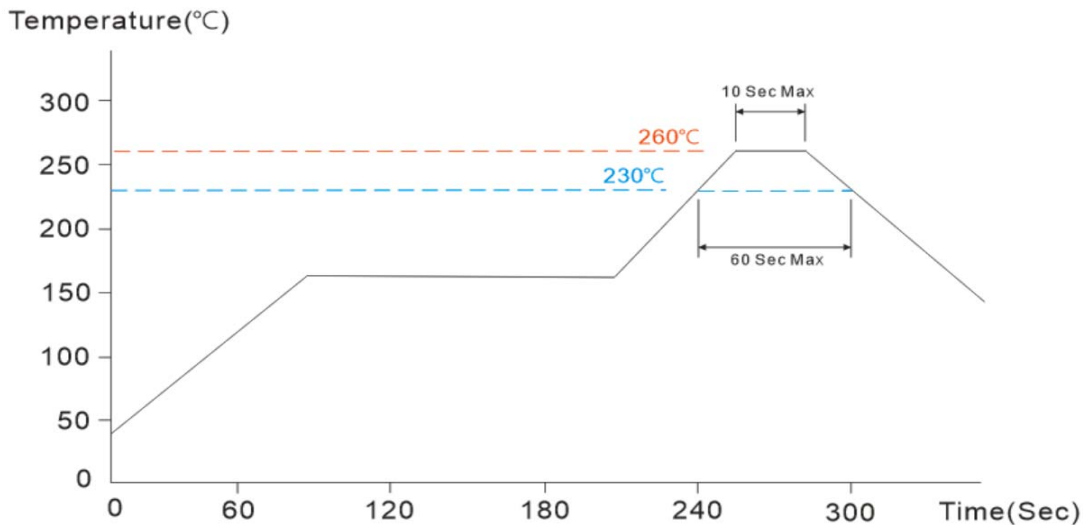
⊕ Equivalent Circuit Schematic :



⊕ Note :

1. Operating temperature -40°C ~ +105°C
2. Storage conditions -20°C ~ +85°C
3. Test environment conditions : 25°C R.H 60%.

⊕ Reflow Soldering Heat Endurance



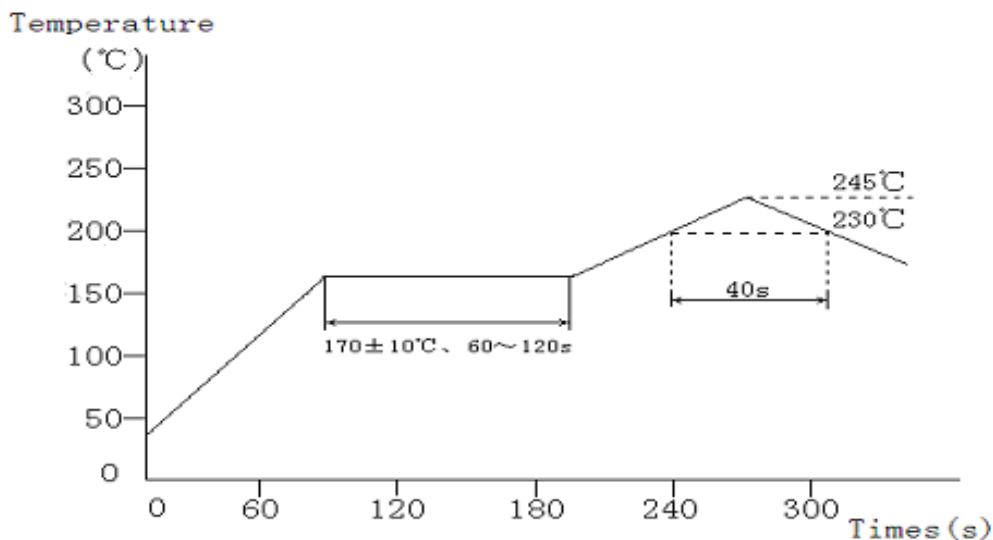
No mechanical and electrical defects are found after testing based on the above profile and keeping under the conditions of room temperature and humidity for 2 hours.

Twice reflow test is acceptable with the test interval remaining 1 hour under the normal conditions.

The reflow test profile may vary with the testing instruments.

Not suitable for wave soldering process.

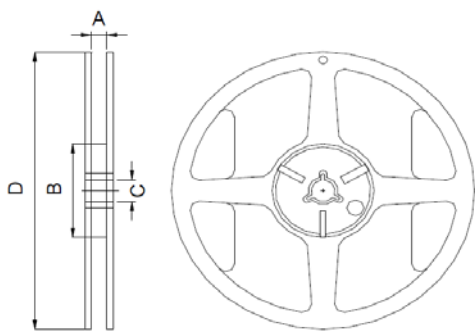
⊕ Recommended Reflow Conditions



The recommended reflow profile is based on the testing instruments used. Solder ability will depend on the testing equipments, reflow conditions, testing method, etc. So it is necessary to make a confirmation of them when the reflow conditions are set up.

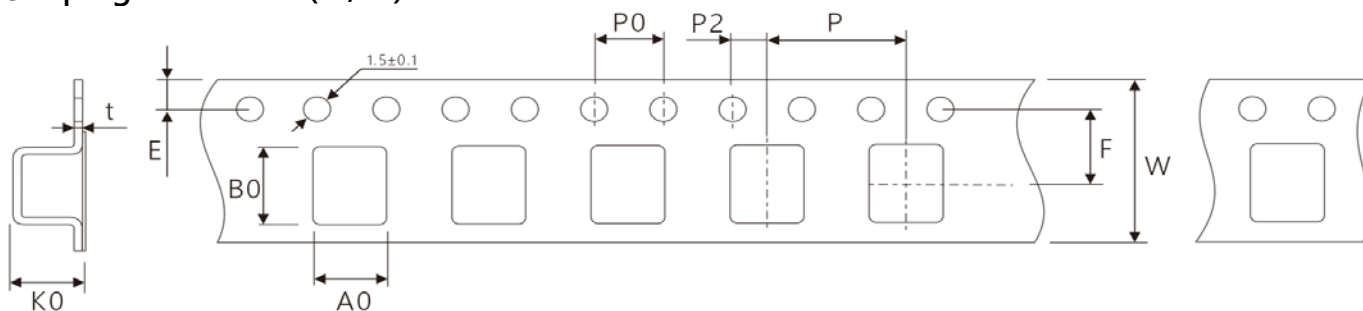
However halogen lamp shall be used, side heat will be beyond range of resistance heat, so we can't recommend it.

⊕Reel Dimension(m/m)



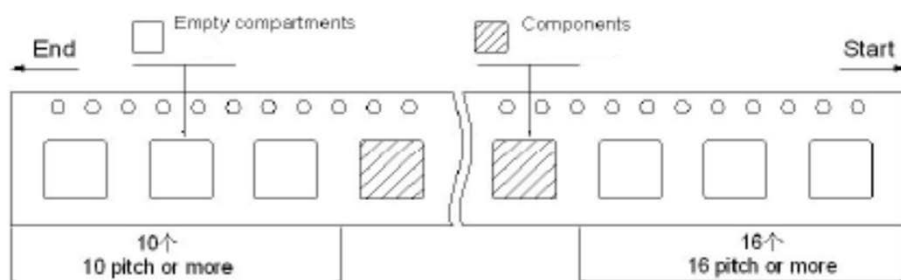
Item	A	B	C	D
13"x24	24.4±1	100±1	13±1	330±1

⊕Taping Dimension(m/m)

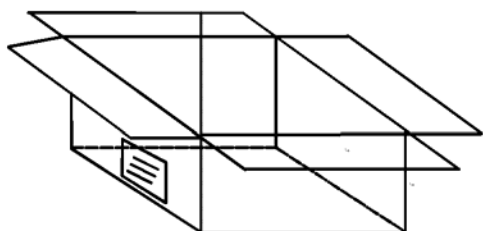


Item	W	Ao	Bo	Ko	E	F	P	Po
24mm	24±0.3	11.42±0.1	13.1±0.1	6.52±0.1	1.75±0.1	11.5±0.1	16±0.1	4±0.1
	P2	t						
	2±0.1	0.4±0.05						

⊕Taping method



⊕ Packaging Carton



Reel Packing Unit	Inner Box Packing Unit	Carton Packing Unit
600 PCS / Reel	1,200 PCS / Box	6,000 PCS / Box