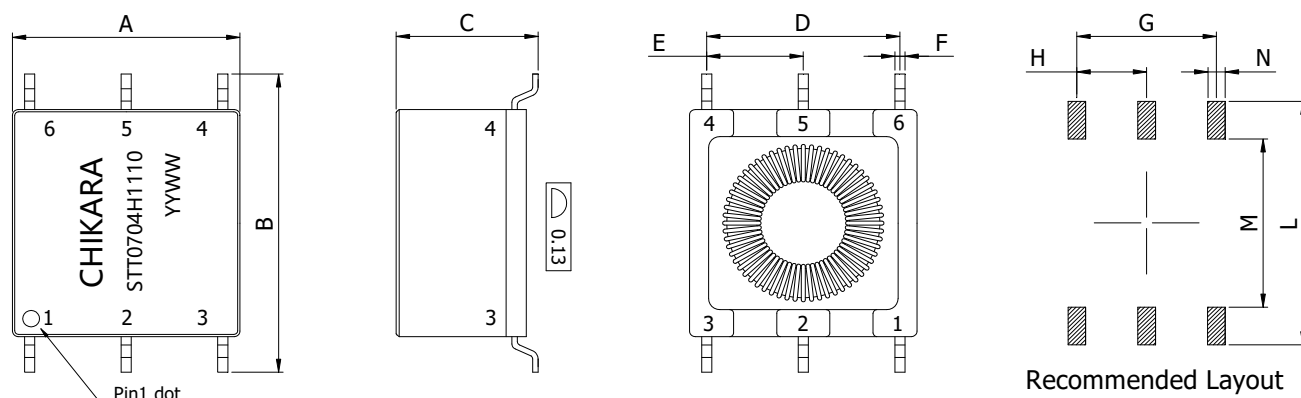


Features

- Small size, Surface mount, Low profile
- Storage temperature range:-25°C to + 60°C
- Operating temperature range:-40°C to + 125°C
(including coil's self-temperature rise)
- Moisture sensitivity level:1
- Packaging: 1200pcs. Per 13-inch reel
- RoHs&Halogen-free compliant

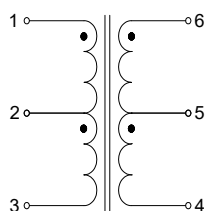


Mechanical Dimension(Unit:mm)



A	B	C	D	E	F	G	H	L	M	N
6.55±0.2	9.85±0.3	4.3Max.	5.08±0.2	2.54±0.15	0.6±0.1	5.08	2.54	10.26	8.02	0.96

Electrical Schematic



Electrical Characteristic

No.	Item	Terminal (Start – Finish)	Specification	Test condition	Test instrument
1	Inductance	(1-3)	475uH Min.	10KHz,0.1V	HP4284A
2	Turns Ration	(1-2):(2-3):(5-4):(6-5)	1:1:1.1:1.1	20KHz,0.1V	Chroma3302
3	DC Resistance ¹	(1-3)	0.31Ω Max.	at 25°C	Chroma16502
4	DC Resistance ²	(6-4)	0.33Ω Max.	at 25°C	Chroma16502
5	Voltage-Time	(1-3)	11V-μS	at 25°C	
6	Capacitance	(1-3) to (6-4)	15pF Typ.	100KHz,0.01V	Chroma3302
7	Insulation Test Voltage	(1-3) to (6-4)	2500VAC	at 25°C	Exttech7142

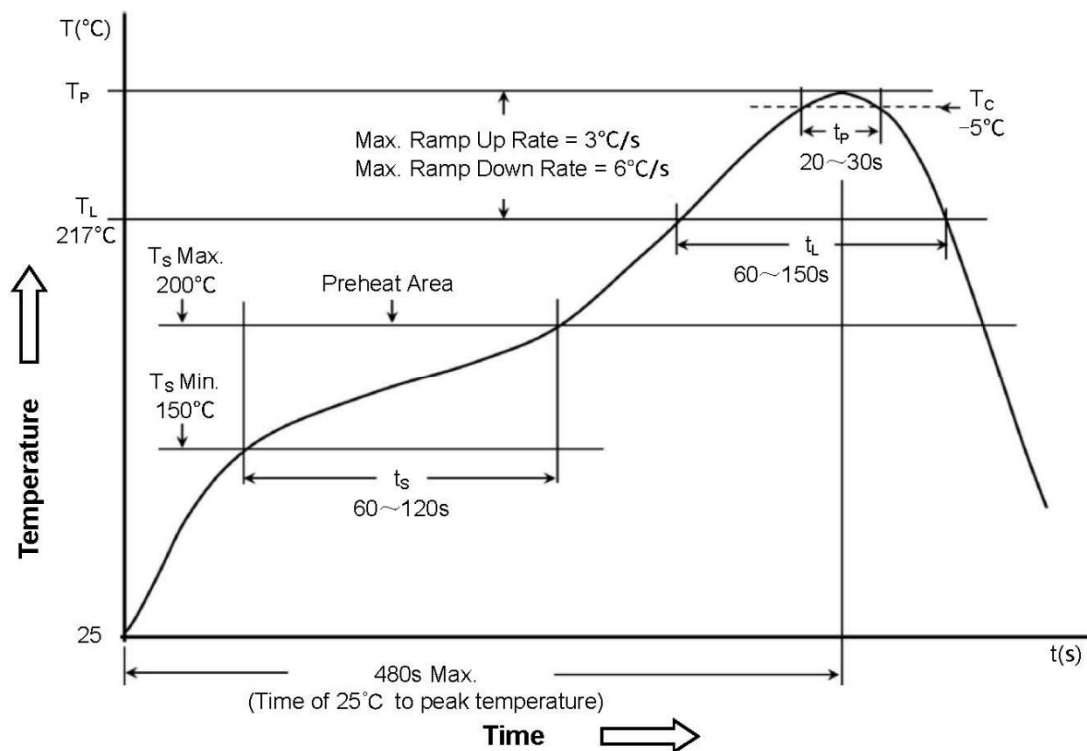
► All test data referenced to 25°C ambient.

Marking

CHIKARA-----Brand
STT0704H1110----- Part Number
YYWW-----Date Code

Soldering Specification

- Reflow profile for SMT components



- Classification of peak package body temperature (T_P)

	Package Thickness	Package Volume		
		<350mm ³	350~2000mm ³	>2000mm ³
PB-Free Assembly	<1.6mm	260°C	260°C	260°C
	1.6~2.5mm	260°C	250°C	245°C
	≥2.5mm	250°C	245°C	245°C