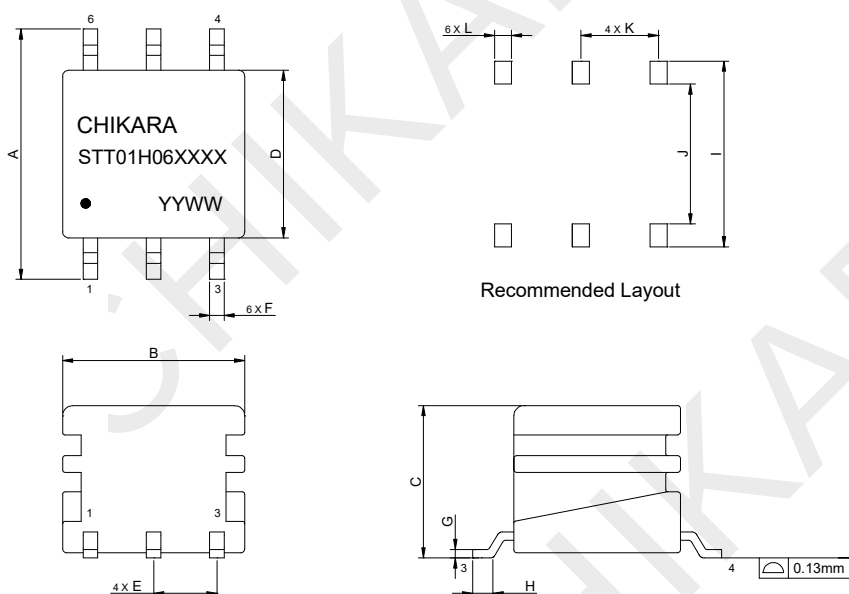


Features

- High isolation voltage, High coupling
- Storage temperature range:-40°C to + 125°C
- Operating temperature range:-40°C to + 125°C
(including coil's self-temperature rise)
- Moisture sensitivity level:1
- Packaging: 500pcs. Per 13-inch reel
- RoHs&Halogen-free compliant

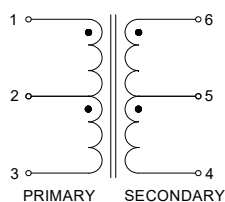


Mechanical Dimension(Unit:mm)



A	B	C	D	E	F	G	H	I	J	K	L
12.5Max.	9.3Max.	7.6Max.	8.2±0.3	3.05±0.25	0.7±0.1	0.4±0.05	0.7±0.3	13.5	9.5	3.05	1.1

Electrical Schematic



Marking

- CHIKARA-----Brand
STT01H06XXXX-----Part Number
● & YYWW-----Pin#1 & Date Code

General Specifications

- 8.0mm min. creepage and clearance distance between PRI and SEC.
- Reinforced insulation for a working voltage of 400VAC.
- Overvoltage Category II, Pollution Degree 2, up to 2km above sea level.
- Complies with the following standards:
IEC60664-1, IEC60950-1, EN60950-1, UL60950-1, IEC62368-1, EN62368-1, UL62368-1.

Electrical Characteristic

Part Number	Inductance Pri.1-3(μ H) Min.	Leakage Inductance Pri.1-3(μ H) All Sec. Winding Shorted Max.	Turns Ratio Pri.(1-3):Sec.(6-4)	Voltage-Time Pri.1-3(V- μ S) Max.	DCR Pri.1-3(Ω) Max.	DCR Sec.6-4(Ω) Max.	Hi-Pot Pri.(1-3)-Sec.(6-4)
STT01H060101	250	0.8	1 : 1	11	0.50	0.26	5KVdc,60sec
STT01H060102	250	0.6	1 : 2	11	0.50	0.50	5KVdc,60sec
STT01H060201	250	1.6	2 : 1	11	0.50	0.15	5KVdc,60sec
STT01H060304	300	0.6	3 : 4	11	0.50	0.35	5KVdc,60sec
STT01H060305	300	0.7	3 : 5	11	0.50	0.45	5KVdc,60sec
STT01H060308	300	0.7	3 : 8	11	0.50	0.90	5KVdc,60sec
STT01H060403	350	0.8	4 : 3	15	0.35	0.55	5KVdc,60sec
STT01H060803	350	2.0	8 : 3	15	0.35	0.30	5KVdc,60sec
STT01H060809	350	0.6	8 : 9	15	0.75	0.40	5KVdc,60sec
STT01H060910	450	0.9	9 : 10	17	0.80	0.45	5KVdc,60sec
STT01H061017	350	0.9	10 : 17	13	0.65	0.55	5KVdc,60sec

- Test frequency and voltage:100KHz,0.1Vrms.
- All test data referenced to 25°C ambient.
- The ET(Voltage-Time)maximum is calculated by the formula, where (Bm) maximum flux density is taken as 210mT.

Soldering Specification

- Reflow profile for SMT components



- Classification of peak package body temperature (Tp)

	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

※ Reflow is referred to standard IPC/JEDEC J-STD-020D.