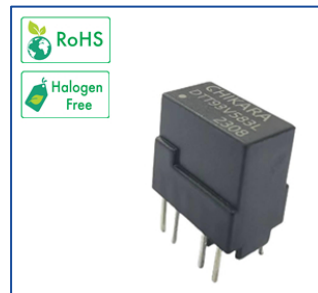
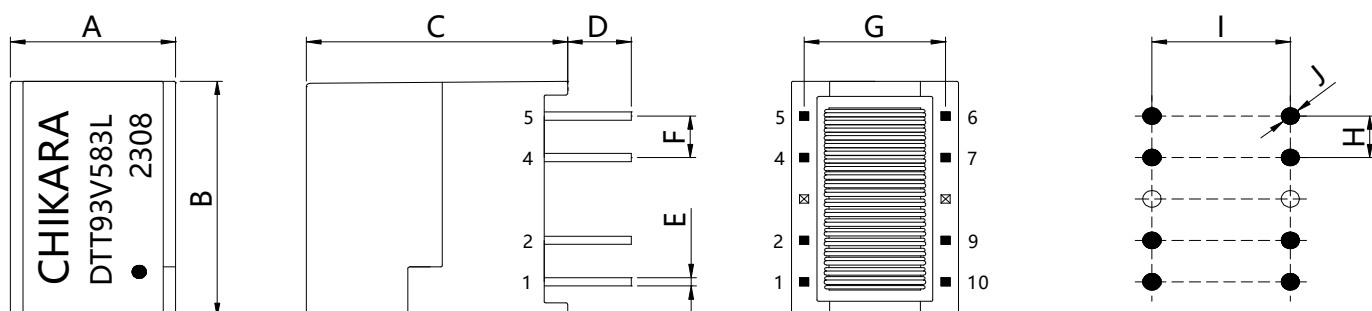


Features

- Data and signal line choke
- 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:TBD
- RoHs&Halogen-free compliant



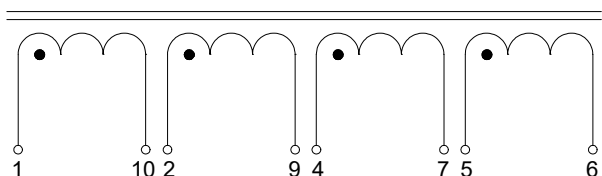
Mechanical Dimension(Unit:mm)



Recommended Layout

A	B	C	D	E	F	G	H	I	J
9.4Max.	14.5Max.	15.4Max.	3.5±0.5	□0.5±0.2*8	2.54±0.1*4	7.62±0.2	2.54	7.62	Ø0.9

Electrical Schematic



Marking

- CHIKARA-----Brand
 DTT93V583L----- Part Number
 • YYWW-----Pin #1 & Date Code

Electrical Characteristic

No.	Item	Terminal (Start – Finish)	Specification	Test condition	Test instrument
1	Inductance	(1-10)	58mH+50%/-30%	10KHz,0.1V	HP4284A
2	Rated Current	(1-10)	200mA Max.	at 25°C	HP42841A
3	Rated Voltage	(1-10)	42VAC(50/60Hz)/80VDC	at 25°C	/
4	Leakage Inductance	(1-10)	1.5uH Typ. (All other winding shorted)	100KHz,0.01V	HP4284A
5	DC Resistance	(1-10)=(2-9)=(4-7)=(5-6)	0.75Ω±20%	at 25°C	Chroma16502
6	Turns Ration	(1-10):(2-9):(4-7):(5-6)	1:1:1:1±1%	20KHz,0.1V	Chroma3302
7	Hi-Pot Test	Winding to Winding	500VAC,5mA,2sec	at 25°C	Exttech7142

- All test data referenced to 25°C ambient.
- Rated current:The DC current at which the temperature rise is Δt of 40°C.