

100/1000BASETX TRANSFORMER MODULES

PartNO:H81801D



Features:



Notice : This is a RoHS compliant component, All engineering changes must have prior approval by the design center

Plastic: Thermoset plastic material with flammability rating UL 94V-0 or better

Solderability: Conforms to ANSI/J-STD-002, 245°C reflow peak temperature per IPC/EIA J-STD-003A

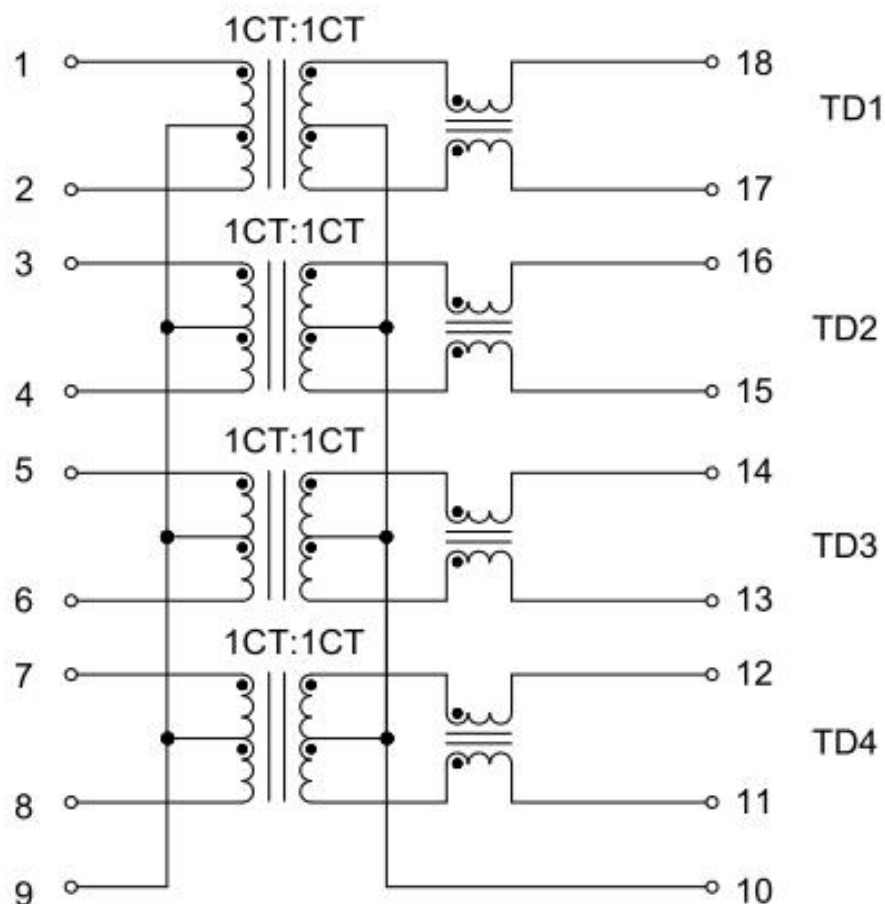
Operating temperature: 0°C~+70°C

Storage temperature: -40°C~+85°C

Specifications

Electrical Specification@25° C Operating Temperature 0 to +70° C									
Part NO	Trun Ratio(±2%)		OCL primary@10 0KHz 0.1Vms 8MA	Leakage primary@10K Hz 0.1Vms	Cww(Pri:Sec)	DCR(Ω)			
	TX	RX				Primary	Secondary		
H81801D	1CT:1CT	1CT:1CT	350uH Min	0.5uH max	100pF Typ	0.9Max	1.2Max		
Electrical Specification@25° C Operating Temperature 0 to +70° C									
Part NO	Insertion loss(dB max) 1-100MHz	Return Loss(db min)MHz				CMRR(dB min)MHz		Crosstalk(dB min)MHz	Isolation Voltage(Vrms min)
		1-30	40	50	60-	1-60	60-100		
H81801D	-1.2	-18	-18	-16	-12	-50	-50	-50	1500

Schematic



Mechanical: