

10/100BASE-T TRANSFORMER MODULES

Part NO:H82021D



Features:

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

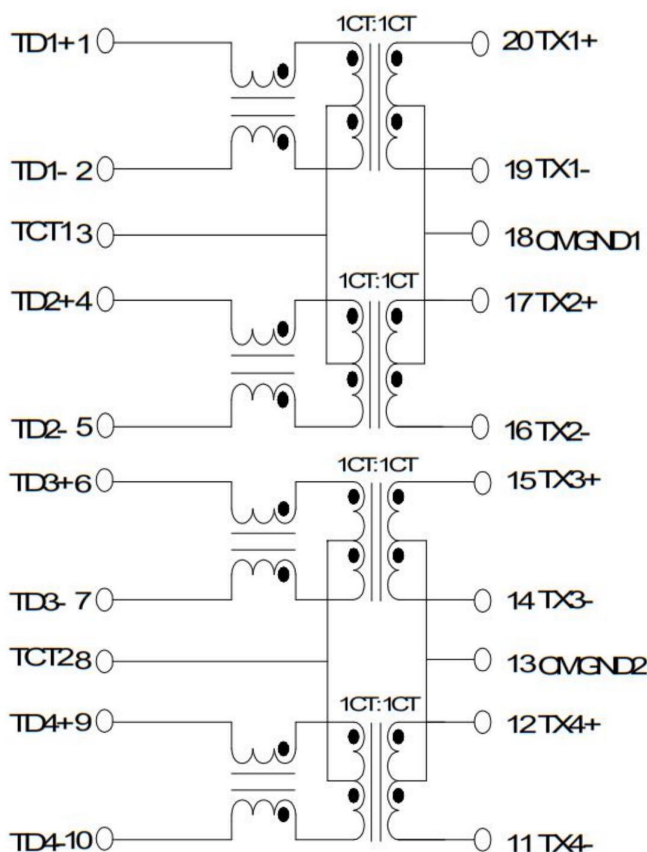
Operating temperature: 0°C~+70°C

Storage temperature: -40°C~+85°C

Specifications

Electrical Specification@25° C Operating Temperature 0°C~+70°C								
Part NO	Trun Ratio(±5%)		OCL primary@100 KHz 0.1Vms 8mA	Leakage primary@10K Hz 0.1Vms	Cww(Pri:Sec)	DCR(Ω)		
	TX	RX				Primary	Secondary	
H82021D	1CT:1CT	1CT:1CT	350uH Min	0.5uH max	56PF	0.9Max	1.2Max	
Electrical Specification@25° C Operating Temperature 0°C~+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)
		0.5-30	40	50	60-80			
H82021D	-1.0	-16	-14.4	-13.1	-12	-30	-38	1500

Schematic

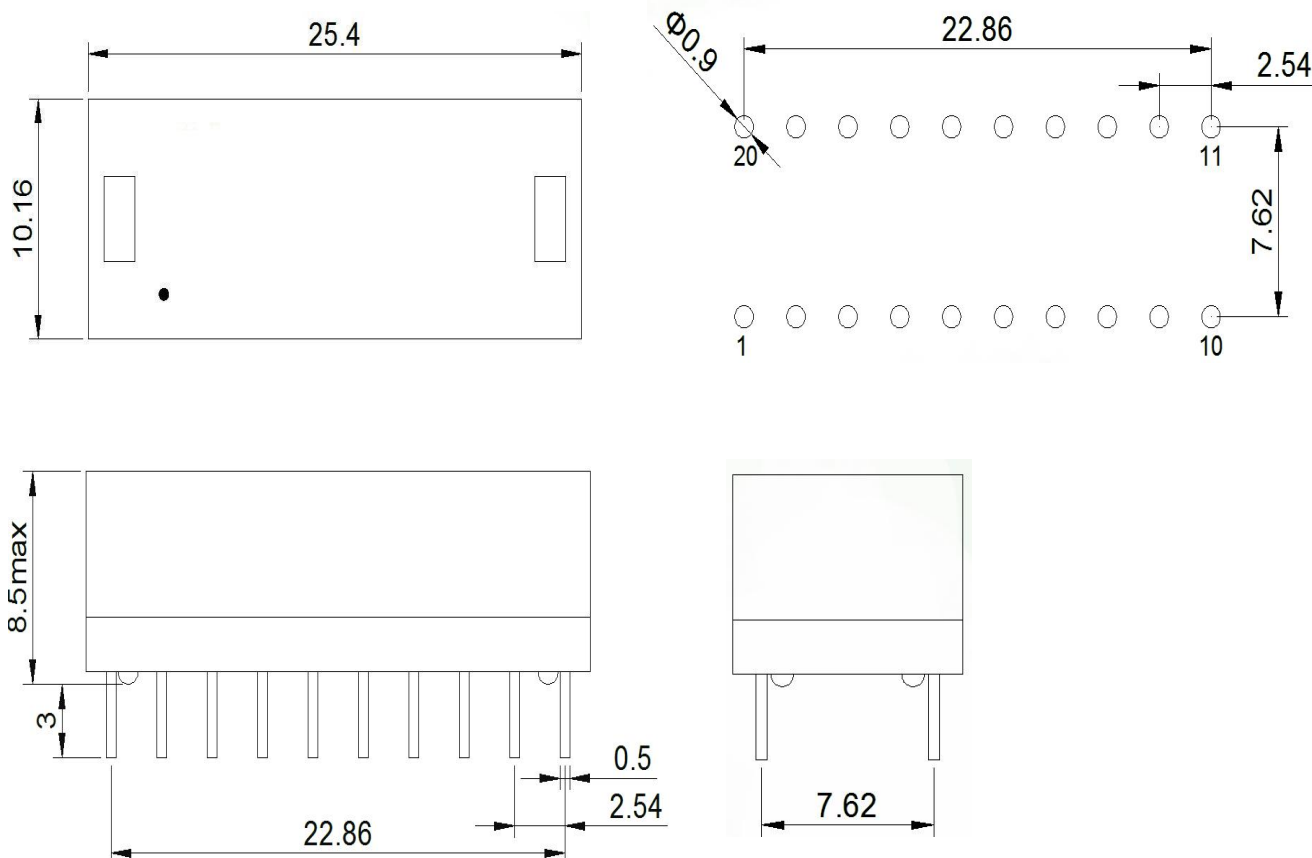


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Mechanical:



Dimensions unit: mm

Unless otherwise specified all tolerances are ± 0.25

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