

100/1000BASE-TX TRANSFORMER MODULES

PartNO:H82002D



Features:

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

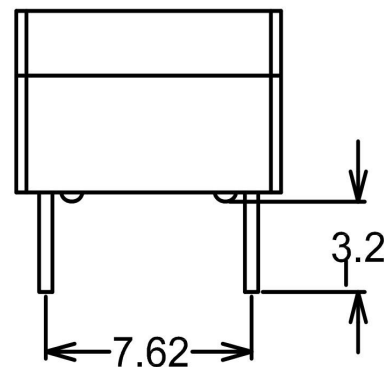
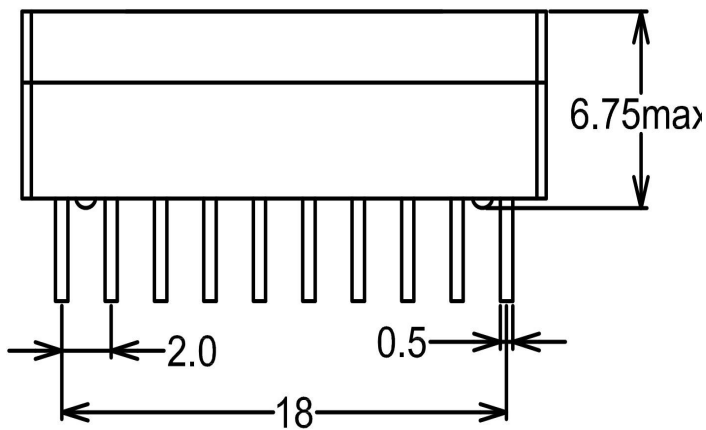
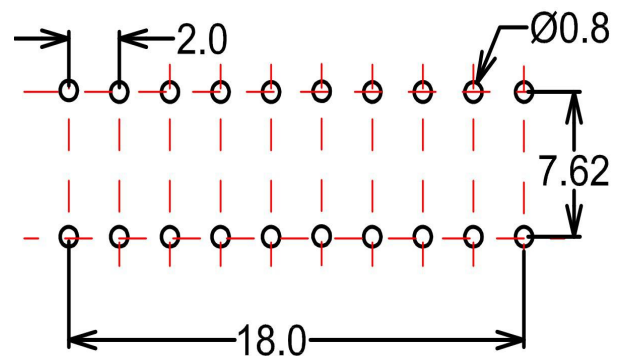
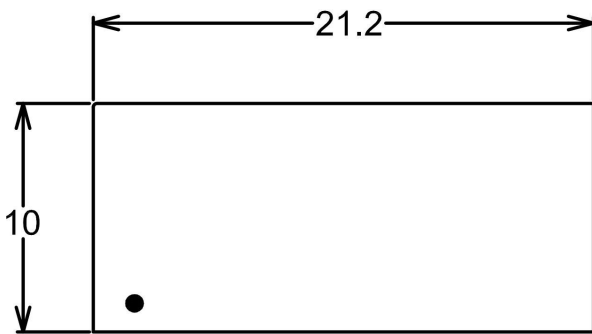
Plastic: Thermoset plastic material with flammability rating UL 94V-0 or better

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

Dimension



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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@10KH z 0.1Vms	Cww(Pri:Sec)	DCR(Ω)			
	TX	RX				Primary		Secondary	
H82002D	1CT:1CT	1CT:1CT	350uH Min	0.5uH max	100pF Typ	1.2Max		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	60-100	1-60	60-100		
H82002D	-1.2	-18	-18	-16	-12	-50	-50	-50	1500

Schematic

