

100/1000BASE-TX TRANSFORMER MODULES

Part NO: H82401S

Features:

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

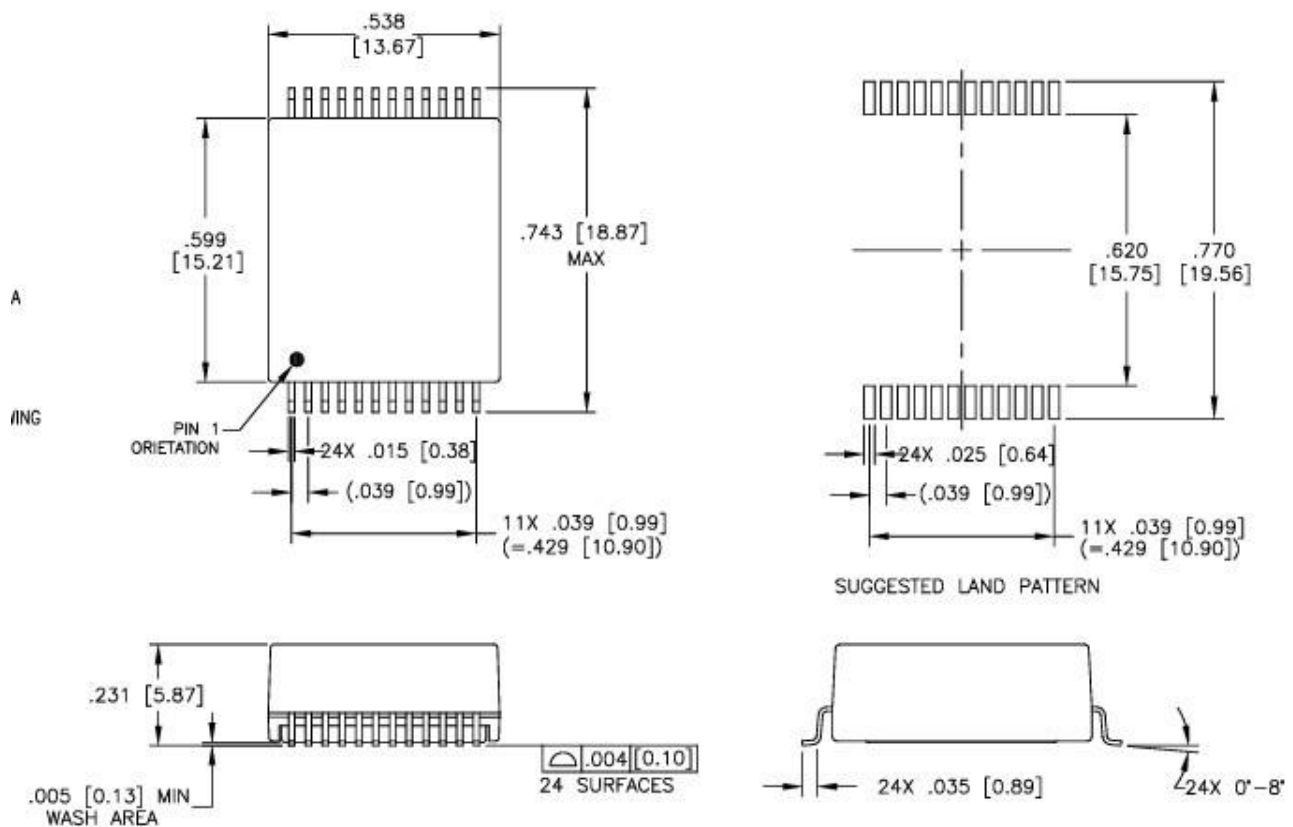
PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER

SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, 245C REFLOW PEAK TEMPERATURE PER IPC/EIA J-5

OPERATING TEMPERATURE: 0°C ~ +70°C

STORAGE TEMPERATURE: -40°C ~ +85°C

Dimension



Specifications

Electrical Specification@25° C Operating Temperature 0 to +80° C							
Part NO	Trun Ratio(±2%		OCL primary@1 00KHz 0.1Vms	Leakage primary@10 KHz 0.1Vms	Cww(Pri:Sec)	DCR(Ω)	
	TX	RX				Primary	Secondary
H82401S	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	1-100	
H82401S	-1.2	-18	-18	-16	-12	-50	-50	-50	1500

Schematic

