



# E-NETTR 100/1000 Base-T Quad Port Transformer Module

**P/N: H9601D**

- \* Designed to meet IEEE802.3at requirement
- \* Lead-Free & Designed to meet RoHS requirement
- \* Designed to meet IR 255°C peak Requirement.
- \* Operating temperature range: -40°C to +85°C
- \* Storage temperature range: -40°C to +85°C
- \* POE applications with 720mA current capability

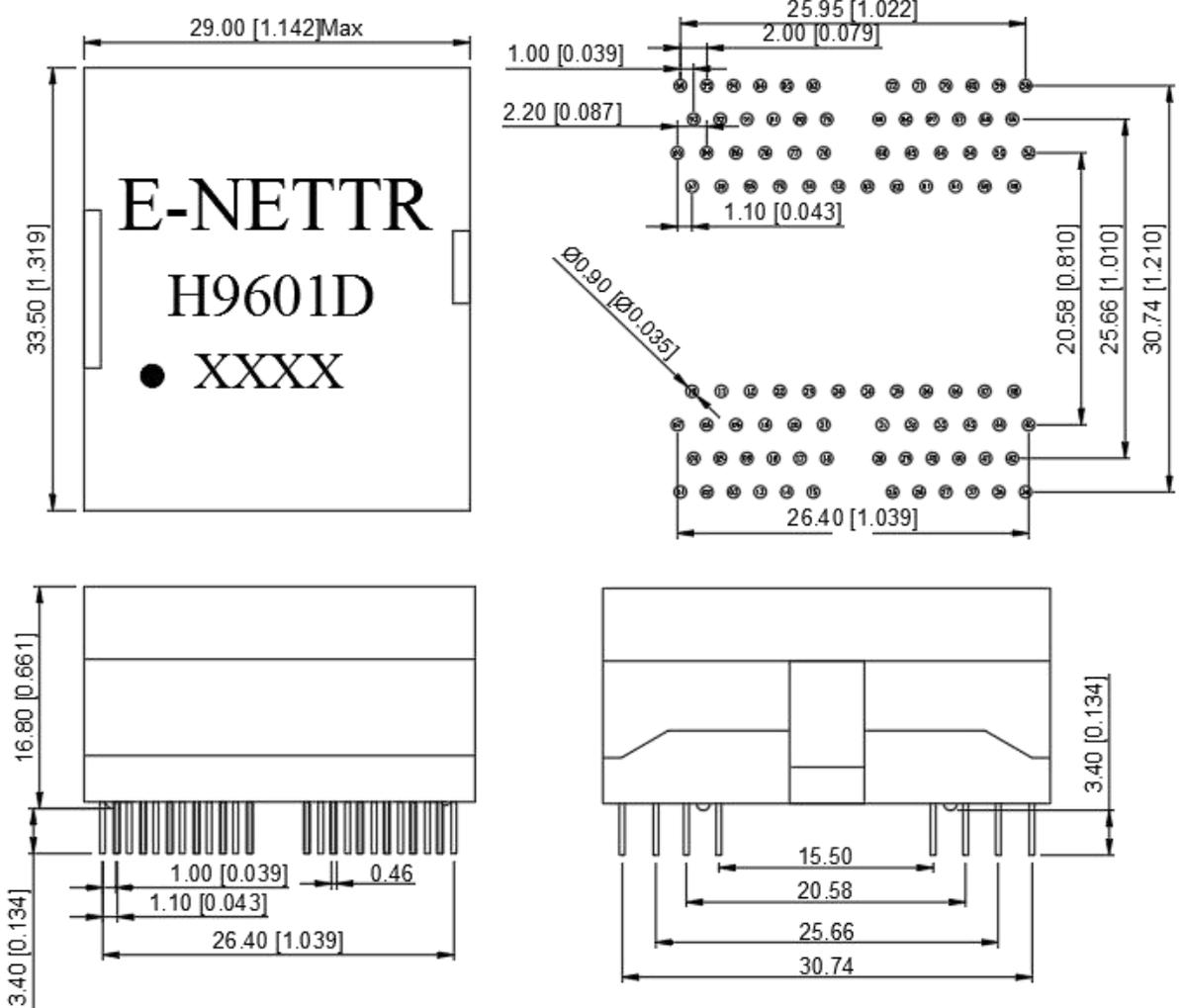
## Electrical Specifications@25° C

Part Number	Turn Ratio (±3%)	OCL(uH Min) @ 100KHz/0.1V with 8mA DC Bias	L.L (uH Max)	C <sub>w/w</sub> (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H9601D	1CT:1CT	350	0.5	28	1.0	AC 1500V 1mA

## Continue

Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)					Cross Talk (dB Min)			DCMR (dB Min)		
		0.3-30MH	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
H9601D	-1.0	-18	-16	-14.08	-12.5	-10	-40	-35	-30	-40	-35	-30

## Mechanical



Dimensions: mm  
 Unless otherwise specified tolerances: xx.xo ± 0.25mm  
 o.xx ± 0.05mm



Schematic

