

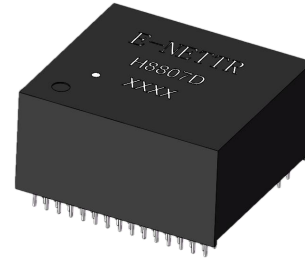


**E-NETTR**

**100/1000 Base-T Quad Port Transformer Module**

**P/N: H8807D**

- \* Designed to meet IEEE802.3at requirement
- \* Lead-Free & Designed to meet RoHS requirement
- \* Designed to meet IR 255°C peak Requirement.
- \* Primary inductance 350μH min with 8mA DC Bias
- \* Operating temperature range:0°C to +70°C
- \* Storage temperature range: -25°C to +85°C
- \* POE applications with 700mA current capability



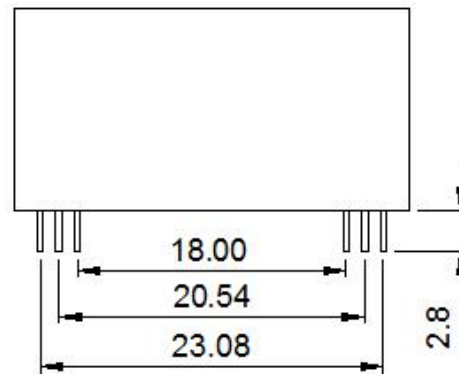
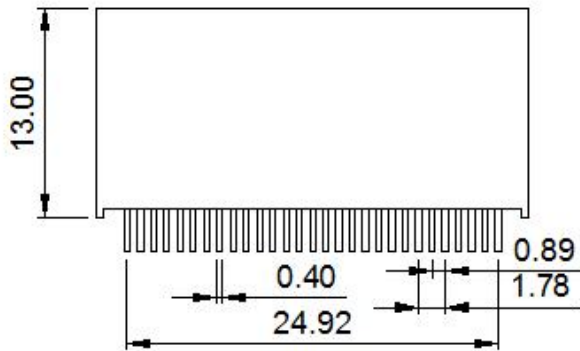
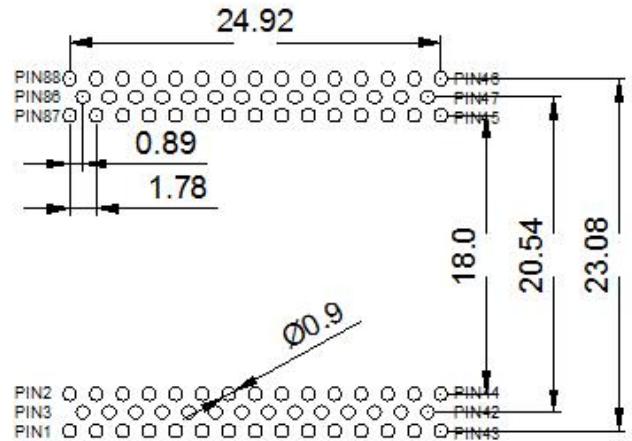
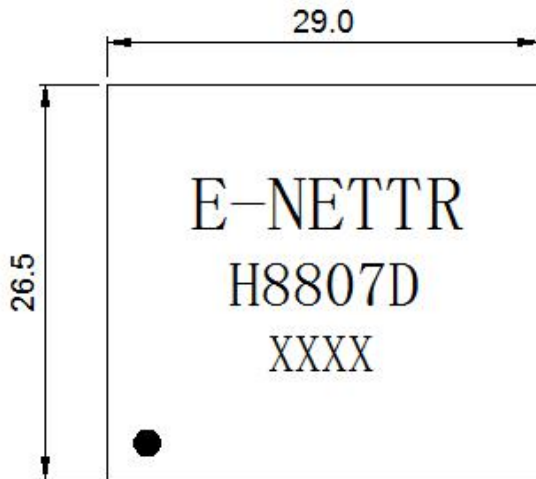
**Electrical Specifications@25° C**

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)
H8807D	1CT:1CT	350	0.5	56	1.2	AC 1500V 1mA 1S

**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
H8807D	-1.0	-18	-16	-14.08	-12.5	-10	-40	-35	-30	-43	-37	-33

**Mechanical**



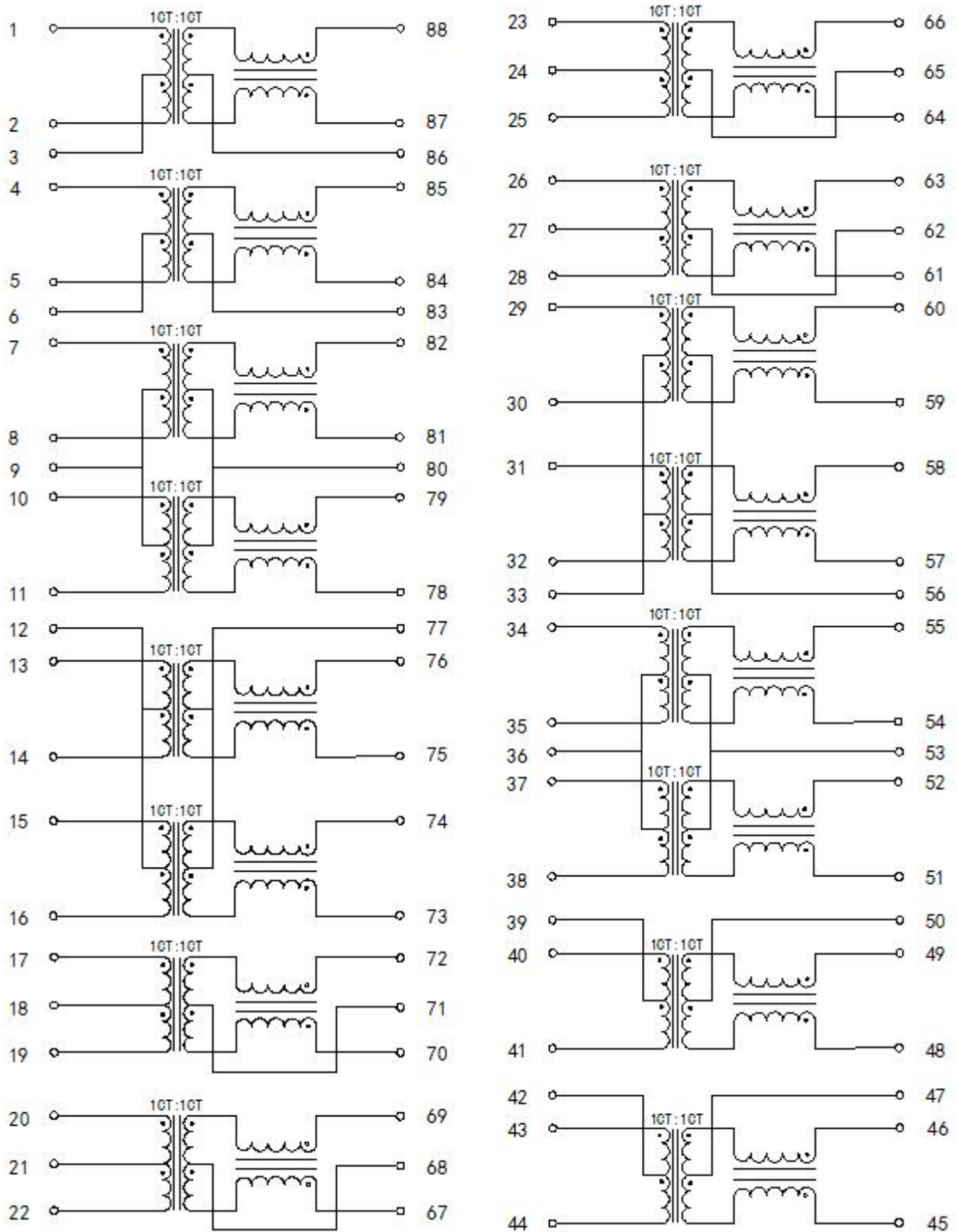
Dimensions: mm  
 Unless otherwise specified tolerances: xx.xo ± 0.25mm  
 o.xx ± 0.05mm



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

P/N: H8807D

## Schematic



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