

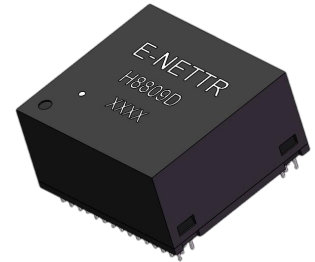


E-NETTR

100/1000 Base-T Quad Port Transformer Module

P/N: H8809D

- * 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: -40°C to +85°C
- * Storage temperature range: -40°C to +85°C
- * POE applications with 700mA current capability



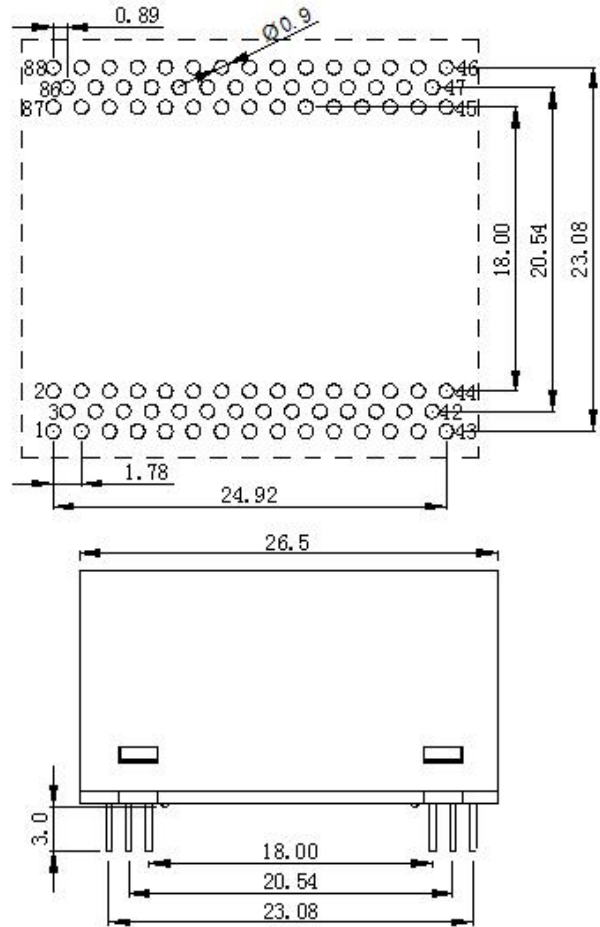
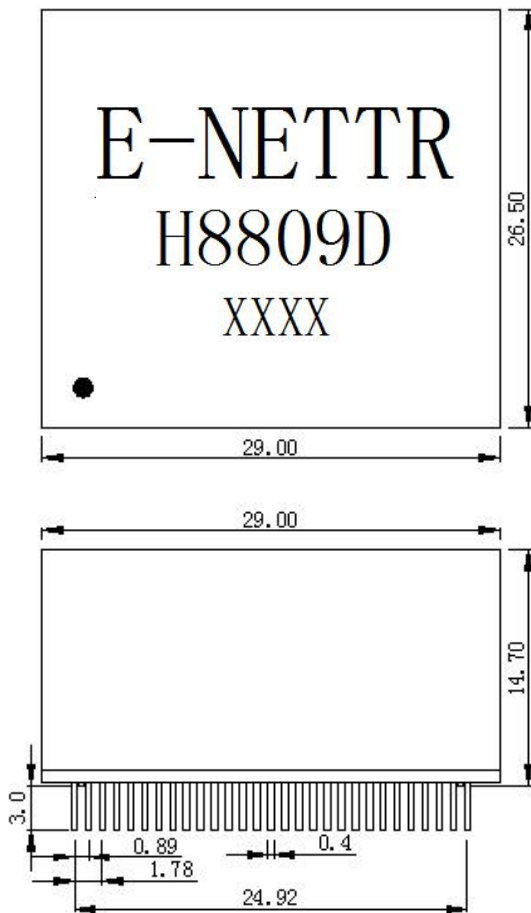
Electrical Specifications@25° C

Part Number	Turn Ratio (±3%)	OCL(uH Min) @ 100KHz/0.1V with 8mA DC Bias	L.L (uH Max)	C _{w/w} (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H8809D	1CT:1CT	350	0.5	56	1.2	AC 1500V 1mA

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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
H8809D	-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

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Schematic

