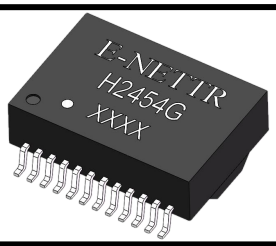
E-NETTR 10/100/1000 Base-T Transformer Module

P/N: H2454G

* **Designed to meet IEEE802.3at requirement**
* **Lead-Free & Designed to meet RoHS requirement**
* **Designed to meet IR 255℃ peak Requirement.**
* **POE applications with 1.0A current capability**
* **Operating temperature range: -40^{0}C to +85^{0}C**
* **Storage temperature range: -40^{0}C to +85^{0}C**



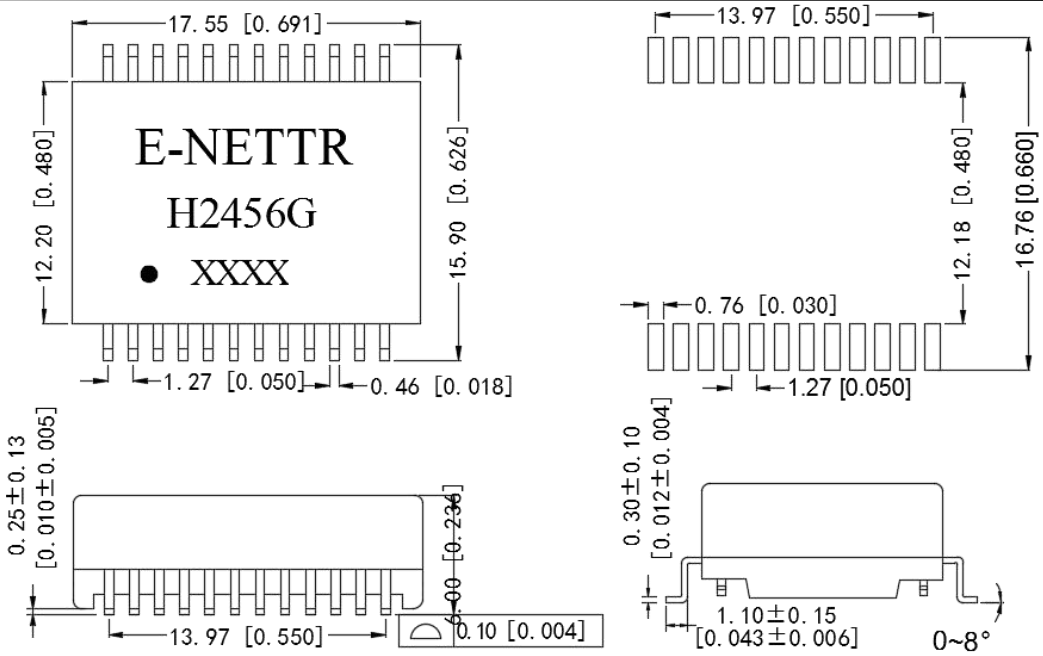
Electrical Specifications@25℃

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)
H2454G	1CT:1CT	350	0.5	28	1.2	AC 1500V

Continue

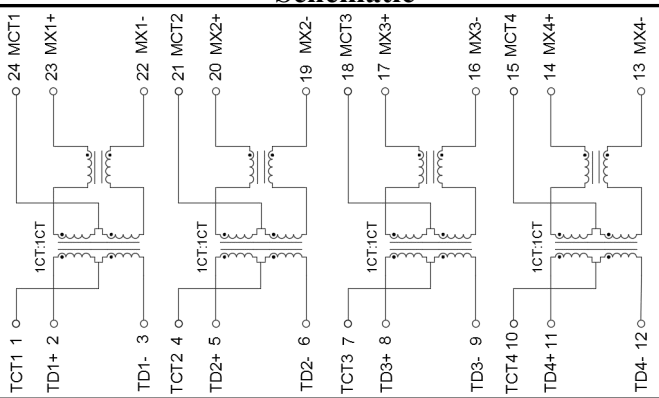
Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)					Cross Talk (dB Min)			DCMR (dB Min)		
		0.3-30MH	40MHz	60MHz	80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
H2454G	-1.1	-18	-14.4	-13.1	-12	-10	-40	-35	-30	-40	-35	-30

Mechanical



Unless:mm[inch] Tolerances: xx.xo± 0.25[0.010]
o.xx± 0.05[0.002]

Schematic



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