E-NETTR

10/100/1000 Base-T Transformer Module

P/N: H2434G

* **Designed to meet IEEE802.3at requirement**
* **Lead-Free & Designed to meet RoHS requirement**
* **Designed to meet IR 255℃ peak Requirement.**
* **Operating temperature range: -40^{0}C to +85^{0}C**
* **Storage temperature range:-40^{0}C to +85^{0}C**
* **POE applications with 720mA current capability**

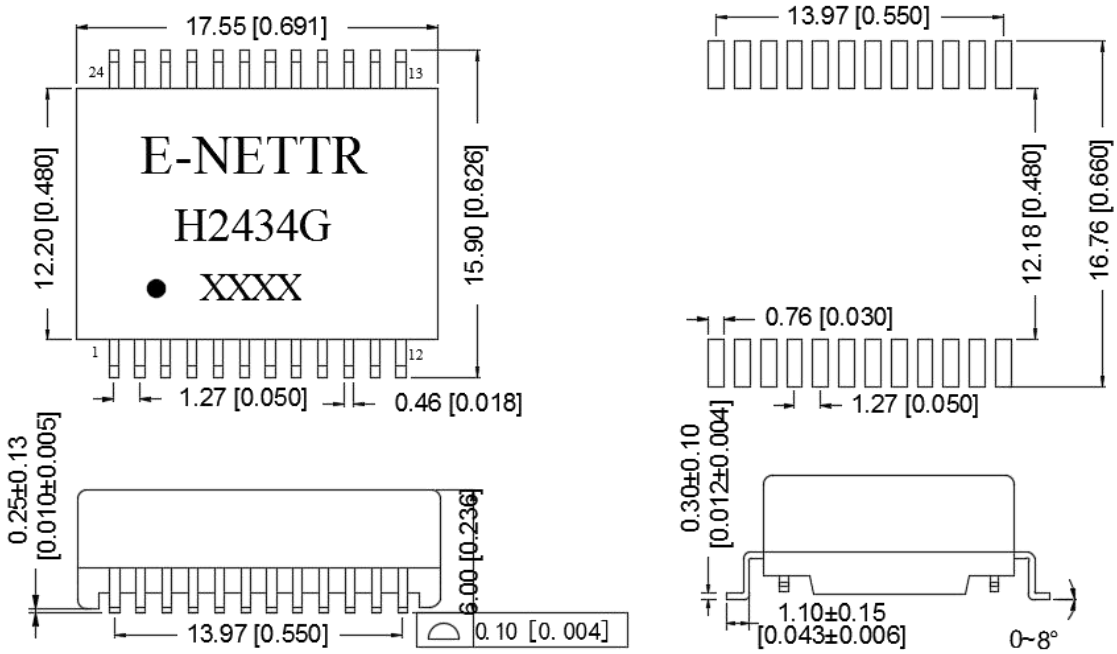
Electrical Specifications@25°C

Part Number	Turn Ratio (±3%)	OCL(uH Min) @ 100KHz/0.1V with 8mA DC Bias	L.L (uH Max)	$C_{w/w}$ (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H2434G	1CT:1CT	350	0.5	28	1.2	AC 5000V 1mA

Continue

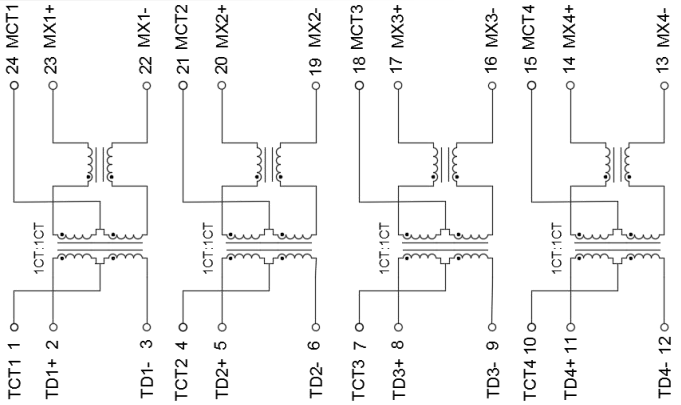
Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)				Cross Talk (dB Min)			DCMR (dB Min)		
		0.3-40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
H2434G	-1.1	-16	-14.08	-12.5	-10	-45	-40	-35	-43	-37	-33

Mechanical



Dimensions: mm[inch] tolerances: xx.xo± 0.25[0.010]
o.xx± 0.05[0.002]

Schematic



东莞市祥星电子有限公司
地址：东莞市石碣镇横滘科技中路第三工业区
TEL:0769-86384669 FAX:0769-81813600 Http://www.e-nettr.com xingguang@e-nettr.com A1