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

P/N: H2458G

* **Designed to meet IEEE802.3ab requirement**
* **Lead-Free & Designed to meet RoHS requirement**
* **Designed to meet IR 255℃ peak Requirement.**
* **Single Port for NIC Application**
* **Operating temperature range: 0^0C to $+70^0$C**
* **Storage temperature range: 0^0C to $+70^0$C**

Electrical Specifications@25℃

Part Number	Turn Ratio	OCL(uH Min) @ 100KHz/0.1V	L.L (uH Max)	$C_{w/w}$ (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H2458G	1CT:1CT	350	0.5	28	1.2	AC 1500/1mA/1S

Continue

Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)				Cross Talk (dB Min)		DCMR (dB Min)		
		0.3-30MHz	40MHz	50MHz	60-100MHz	30MHz	60-100MHz	30MHz	60MHz	80-100MHz
H2458G	-1.1	-18	-14.4	-13.1	-10	-35	-32	-40	-35	-30

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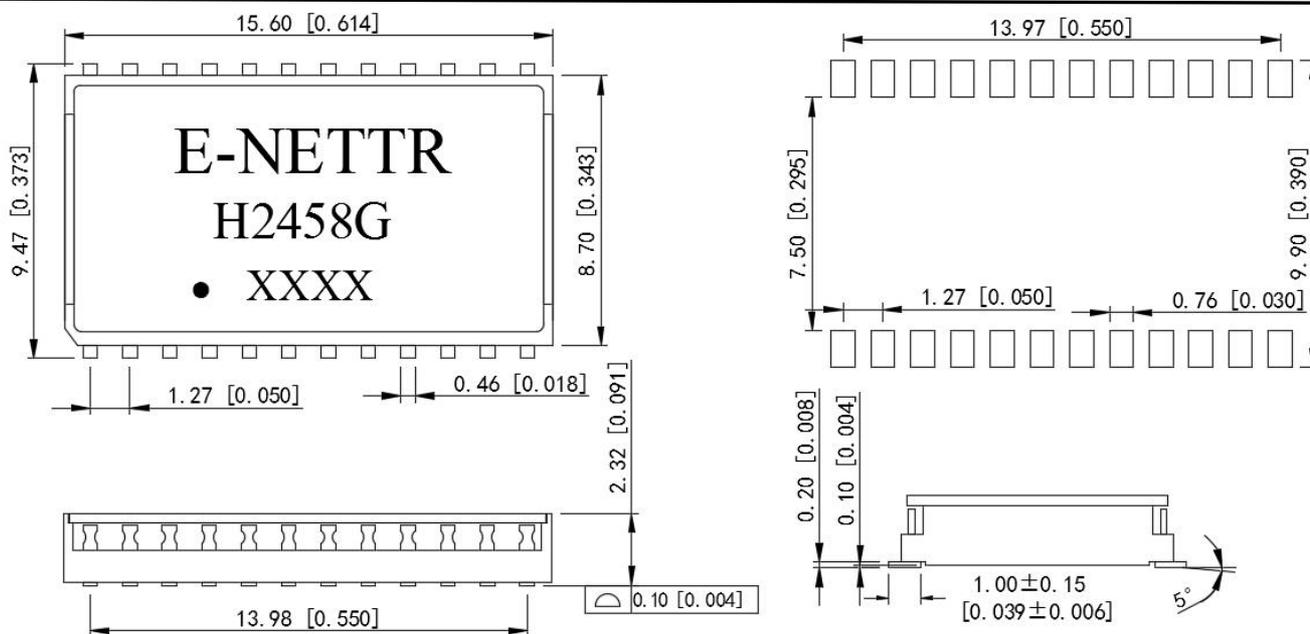
Unless:mm[inch] Tolerances: xx.xo± 0.25[0.010]
o.xx± 0.05[0.002]

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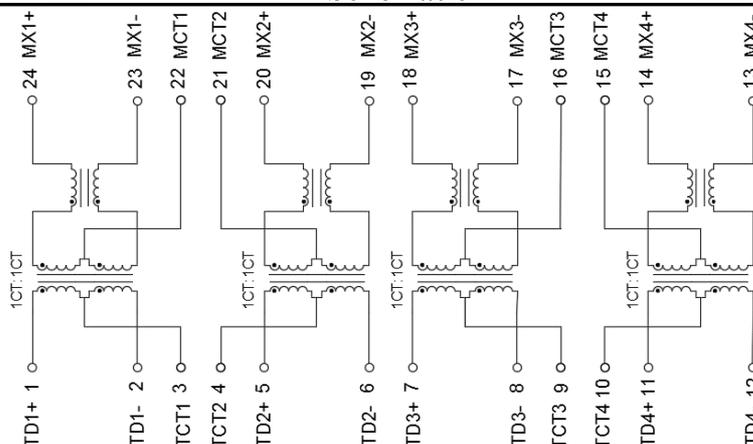
东莞市祥星电子有限公司
地址：东莞市石碣镇横滘科技中路第三工业区
TEL:0769-86384669   FAX:0769-81813600   Http://www.e-nettr.com   xingguang@e-nettr.com