



# 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°C peak Requirement.
- \* Single Port for NIC Application
- \* Operating temperature range: -40°C to +85°C
- \* Storage temperature range: -40°C to +85°C

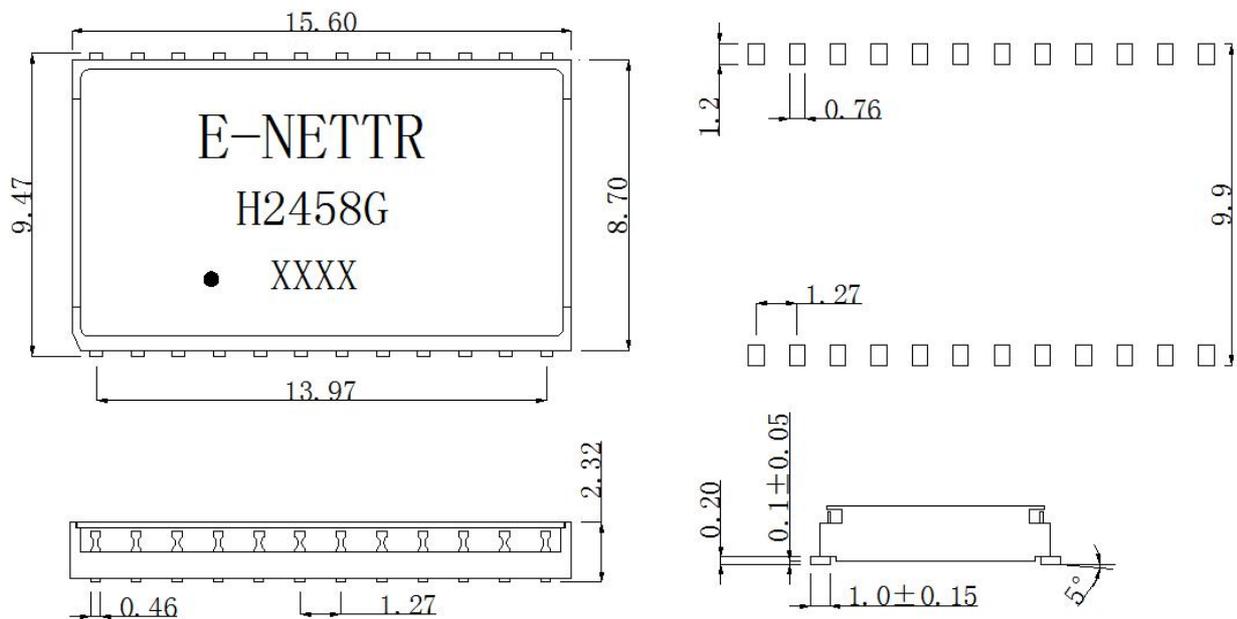
## Electrical Specifications@25° C

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

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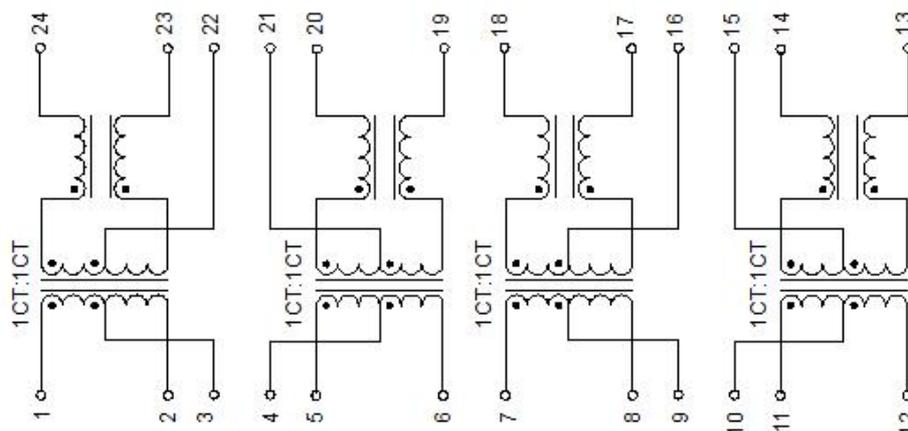
Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)				Cross Talk (dB Min)		DCMR (dB Min)		
		0.3-30MH	40MHz	50MHz	60-100MHz	30MHz	60- 100MHz	30MHz	60MHz	80-100MHz
H2458G	-1.1	-18	-14.4	-13.1	-12	-35	-32	-40	-35	-30

## Mechanical



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

## Schematic



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