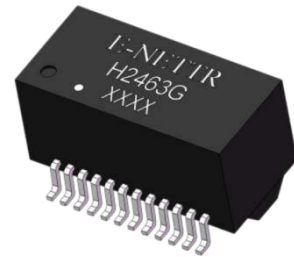




# E-NETTR 100/1000 Base-T Transformer Module

**P/N: H2463G**

- \* Designed to meet IEEE802.3at requirement
- \* Lead-Free & Designed to meet RoHS requirement
- \* Designed to meet IR 255 °C peak Requirement.
- \* Primary inductance 350 $\mu$ H min. with 8mA DC Bias
- \* POE applications with 720mA current capability
- \* Operating temperature range: -40°C to +85°C
- \* Storage temperature range: -40°C to +85°C



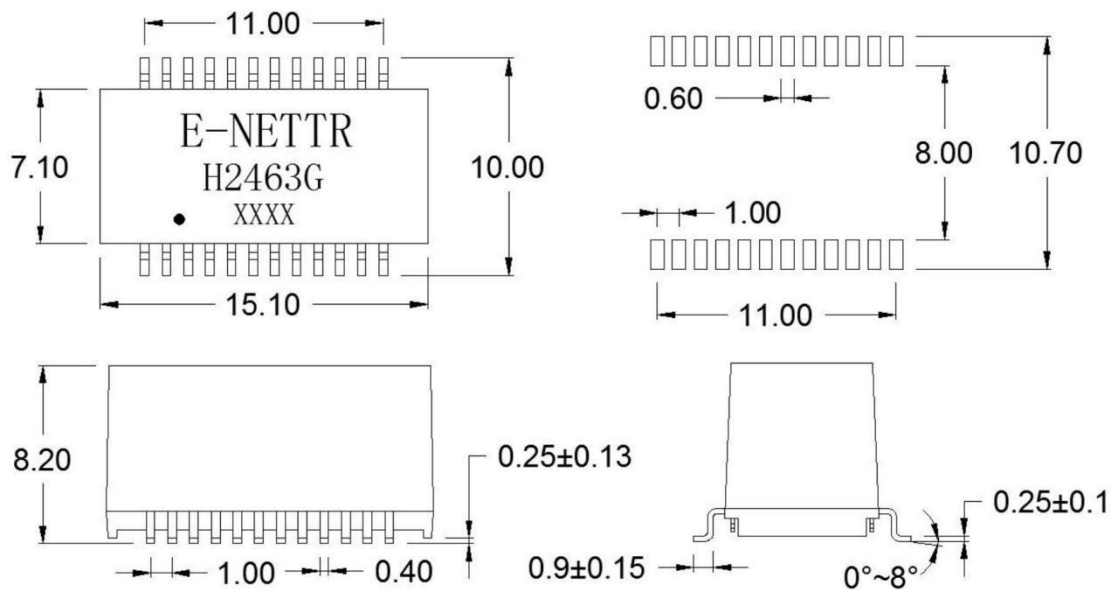
## Electrical Specifications@25 ° C

Part Number	Turn Ratio ( $\pm 3\%$ )	OCL( $\mu$ H Min) @ 100KHz/0.1V with 8mA DC Bias	L.L. ( $\mu$ H Max)	C <sub>w/w</sub> (pF Max)	DCR ( $\Omega$ Max)	Hi-Pot (Vrms MIN)
H2463G	1CT:1CT	350	0.5	28	1.1	AC 1500 1mA

## Continue

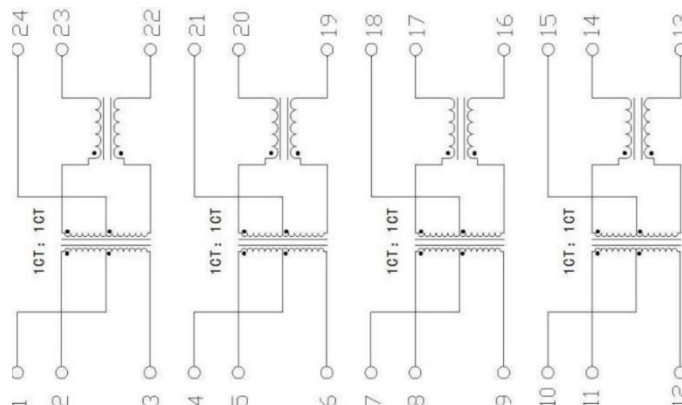
Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)					Cross Talk (dB Min)			DCMR (dB Min)		
		0.3-30MH	40MHz	50MHz	80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
H2463G	-1.1	-18	-14.4	-13.1	-12	-10	-40	-35	-30	-40	-35	-30

## Mechanical



Unless otherwise specified tolerances: xx.xo  $\pm$  0.25mm  
o.xx  $\pm$  0.05mm

## Schematic



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