

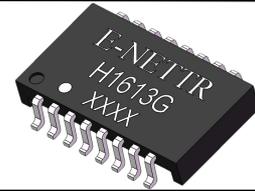


**E-NETTR**

10/100 Base-T single port transformer Module

**P/N: H1613G**

- \* IEEE 802.3ad/ANSI X3.263 compliant performance
- \* Lead-Free & Designed to meet RoHS requirement
- \* Designed to meet IR 255°C peak Requirement.
- \* Operating Temperature Range: 0°C to +70°C
- \* Storage temperature range: 0°C to +70°C



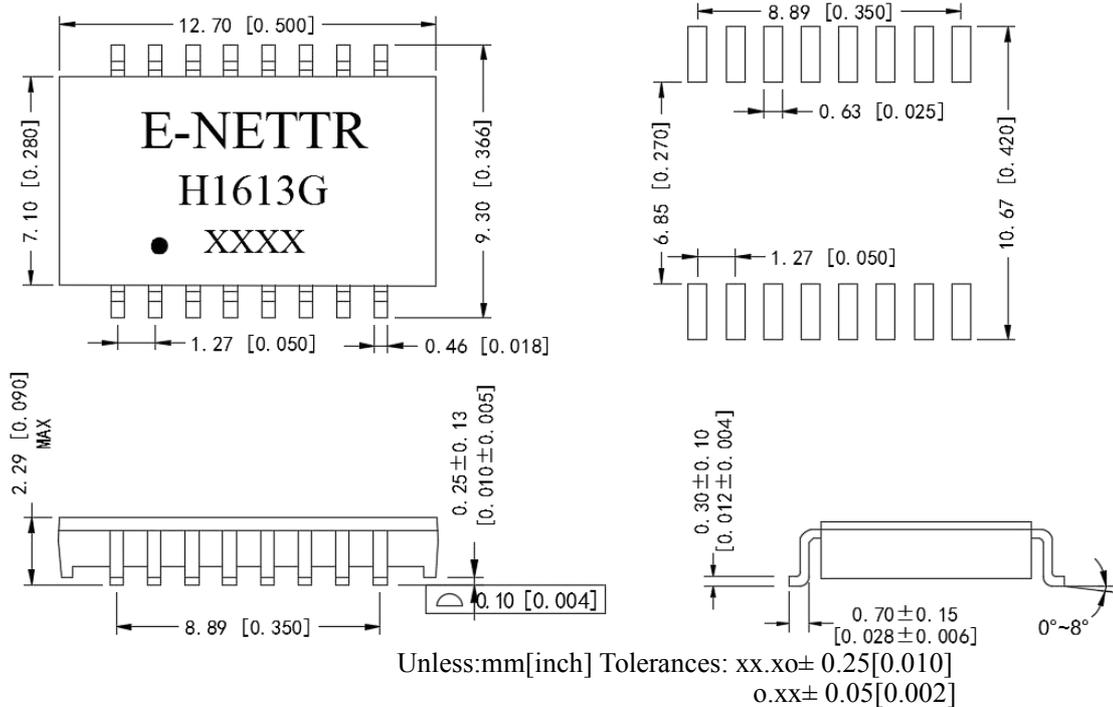
**Electrical Specifications@25° C**

Part Number	Turn Ratio (±3%)	OCL(uH Min) @100KHz/0.1V	L.L (uH Max)	C <sub>w/w</sub> (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H1613G	1CT:1CT	350	0.4	25	1.2	AC 1500V/ 1mA

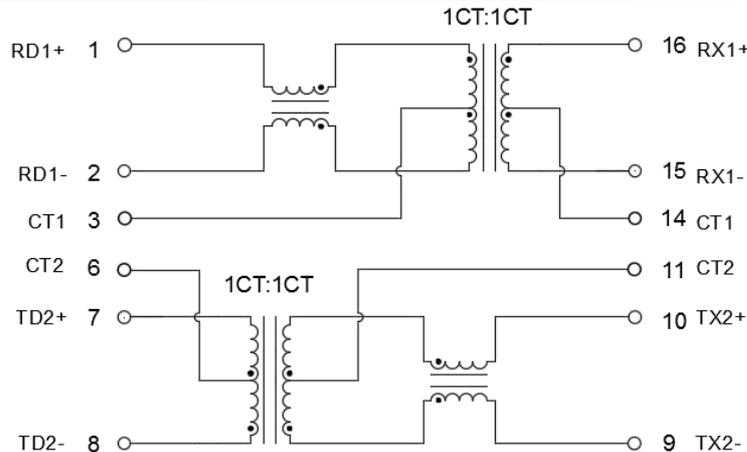
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Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)			Cross Talk (dB Min)			DCMR (dB Min)		
		0.3-30MHz	60MHz	80MHz	0.3-30MHz	50MHz	100MHz	0.3-30MHz	60MHz	100MHz
H1613G	-0.9	-16	-14	-12	-35	-33	-30	-50	-45	-40

**Mechanical**



**Schematics**



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