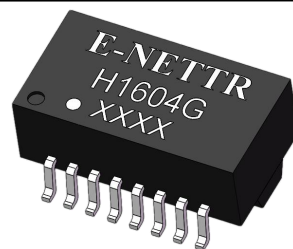


**E-NETTR****10/100 Base-T Single Port Transformer Module****P/N: H1604G**

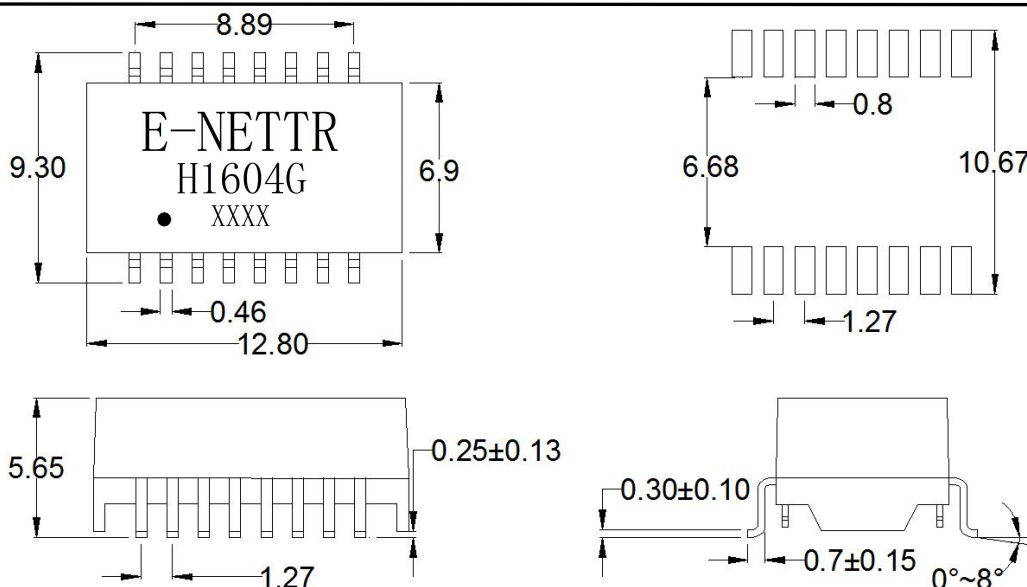
- * Designed to meet IEEE802.3U requirement
- * Designed to meet RoHS requirement
- * Designed to meet IR 255°C peak Requirement.
- * Primary inductance 350 μ H min. with 8mA DC Bias
- * Operating temperature range: -40°C to +85°C

**Electrical Specifications@25° C**

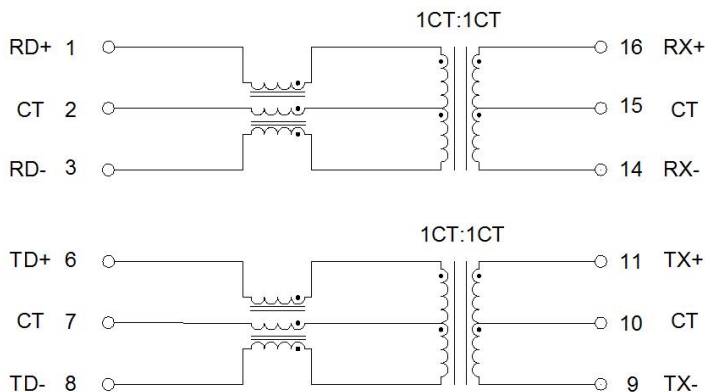
Part Number	Turn Ratio ($\pm 3\%$)	OCL(uH Min) @ 100KHz/0.1V with 8mA DC Bias	L.L (uH Max)	C _{w/w} (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H1604G	1CT:1CT	350	0.5	28	1.3	AC 1500/1mA

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	60-80MHz	0.3-60MHz	60-100MHz	30MHz	60MHz	100MHz
H1604G	-1.1	-18	-15.5	-13	-12	-45	-35	-40	-35	-30

Mechanical

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

Schematic

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