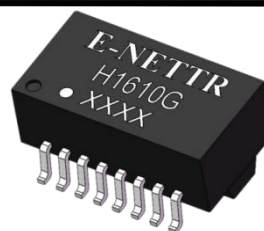


**E-NETTR****10/100 Base-T Single Port Transformer Module****P/N: H1610G**

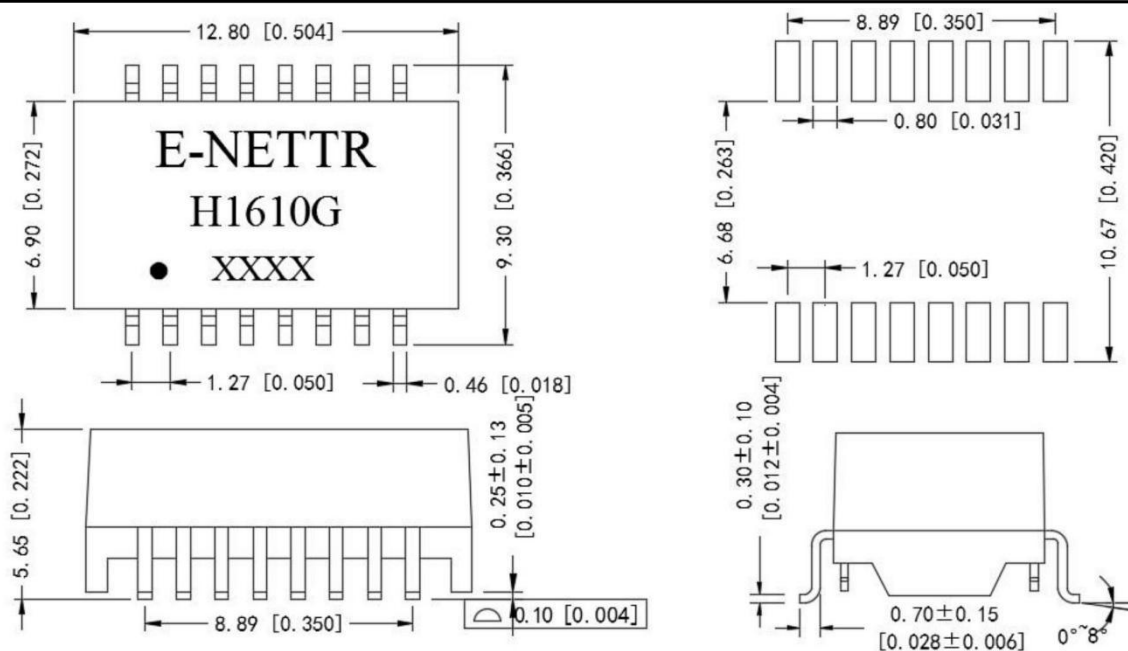
- * Designed to meet IEEE802.3at requirement
- * Lead-Free & Designed to meet RoHS requirement
- * Designed to meet IR 255°C peak Requirement.
- * Operating temperature range: -40°C to +85°C
- * Storage temperature range: -40°C to +85°C
- * POE applications with 720mA current capability

**Electrical Specifications@25° C**

Part Number	Turn Ratio (±3%)	OCL(uH Min) @ 100KHz/0.1V with 8mADC Bias	L.L (uH Max)	C _{w/w} (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H1610G	1CT:1CT	350	0.5	28	1.1	AC 1500V 1mA 1S

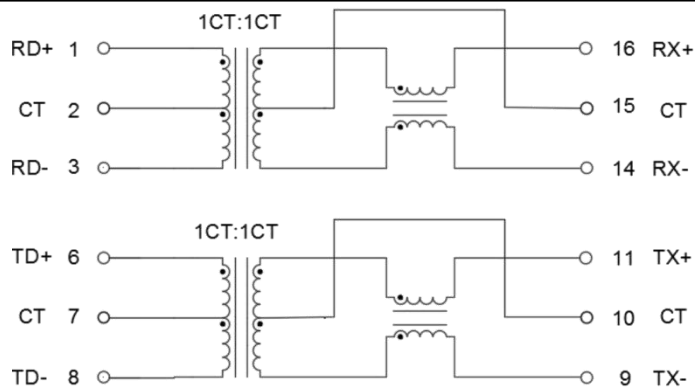
Continue

Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)				Cross Talk (dB Min)			DCMR (dB Min)		
		0.3-30MHz	60MHz	80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
H1610G	-1.1	-18	-14	-12	-10	-40	-35	-30	-40	-35	-30

Mechanical

Unless:mm[inch] Tolerances: xx.xo± 0.25[0.010]

o.xx± 0.05[0.002]

Schematic

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