

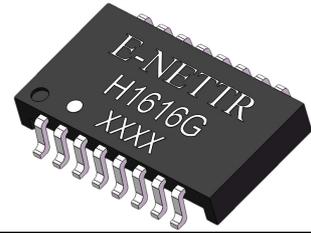


**E-NETTR**

10/100 Base-T single port transformer Module

**P/N:H1616G**

- \* Designed to meet IEEE802.3u requirement
- \* Lead-Free & Designed to meet RoHS requirement
- \* Designed to meet IR 255°C peak Requirement.
- \* Low Profile package for CardBus Application
- \* Operating Temperature Range -0°C to +70°C
- \* Storage temperature range:0°C to +70°C



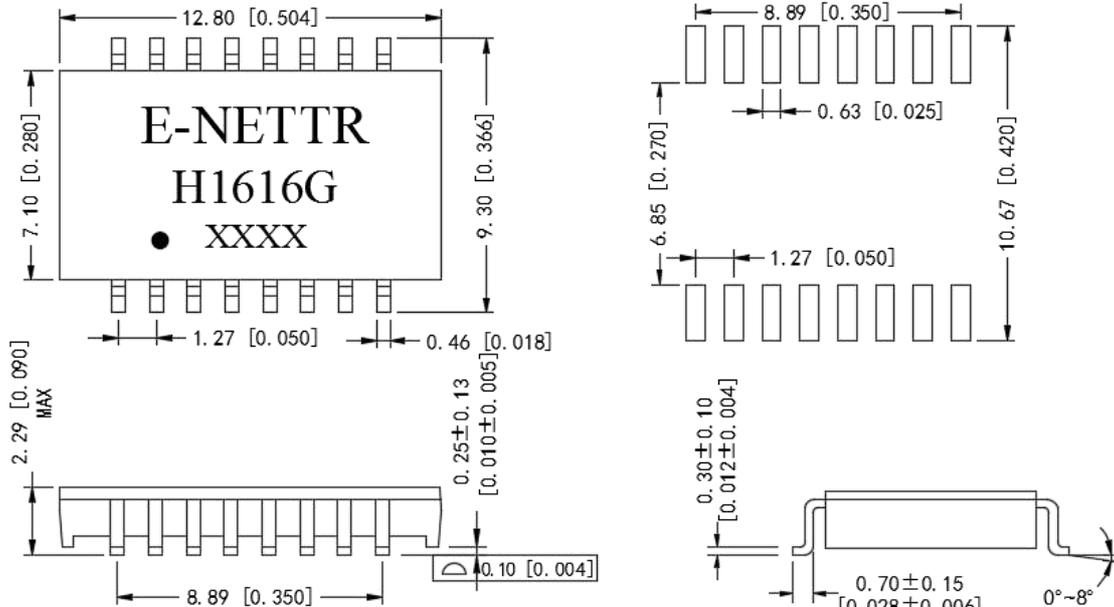
**Electrical Specifications@25° C**

Part Number	Turn Ratio (±3%)	OCL(uH Min) @ 100KHz/0.1V with 0mA DC Bias	L.L (uH Max)	C <sub>w/w</sub> (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H1616G	1CT:1CT	350	0.5	28	1.1	AC1500V 1mA

**Continue**

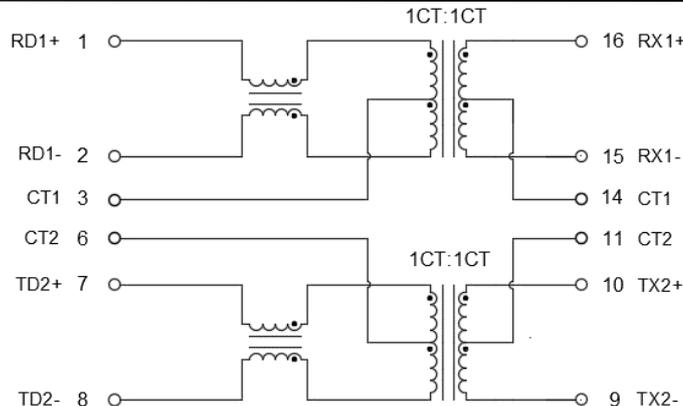
Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)				Cross Talk (dB Min)		DCMR (dB Min)		
		0.3-30MHz	60MHz	80MHz	100MHz	0.3-60MHz	60-100MHz	0.3-30MHz	60MHz	100MHz
H1616G	-1.1	-18	-14	-12	-10	-40	-35	-42	-37	-33

**Mechanical**



Unless:mm[inch] Tolerances: xx.xo ± 0.25[0.010]  
o.xx ± 0.05[0.002]

**Schematics**



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