



E-NETTR 100/1000Base-T Transformer Module

P/N: H2415G

- * Designed to meet IEEE802.3at requirement
- * Designed to meet IR255°C peak requirement
- * Power over Ethernet (POE) Magnetics, 1.5A current capability
- * Primary inductance 350uH Min with 25mA DC Bias
- * Operating temperature range: -40°C to +85°C
- * Storage temperature range: -40°C to +85°C



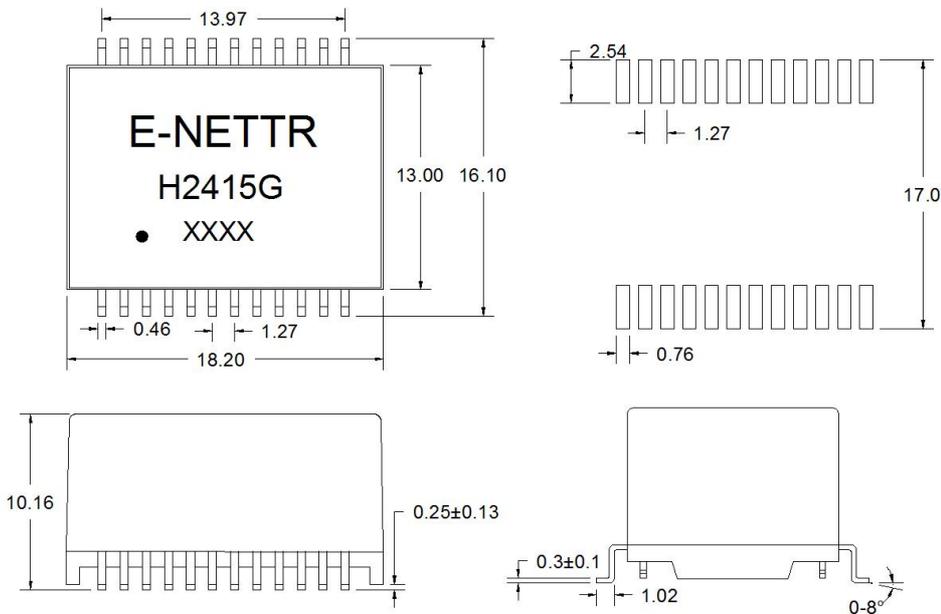
Electrical Specifications @ 25° C

Part Number	Turn Ratio (±3%)	OCL(uH Min) @ 100KHz/0.1V with 25mA DC Bias	OCL(uH Min) @ 100KHz/0.1V/ with 35mA DC Bias	L.L (uH Max)	C _{w/w} (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H2415G	1CT:1CT	350	135	0.35	28	1.1	AC 1500/1mA/1S

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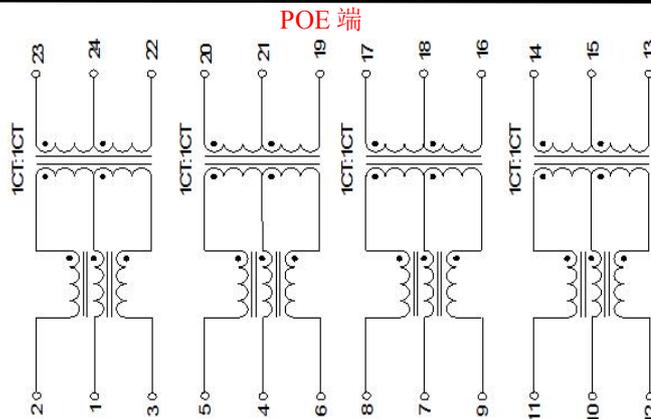
Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)					Cross Talk (dB Min)			DCMR (dB Min)		
		0.3-30MH	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
H2415G	-1.1	-14.5	-12.5	-10.5	-7	-5	-33	-28	-25	-35	-30	-27

Mechanical



Unless otherwise specified tolerances: xx.xo ± 0.25mm
o.xx ± 0.05mm

Schematics



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