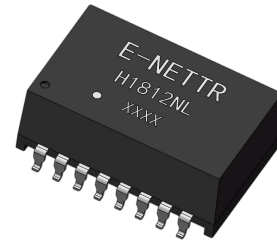


**P/N: H1812NL**

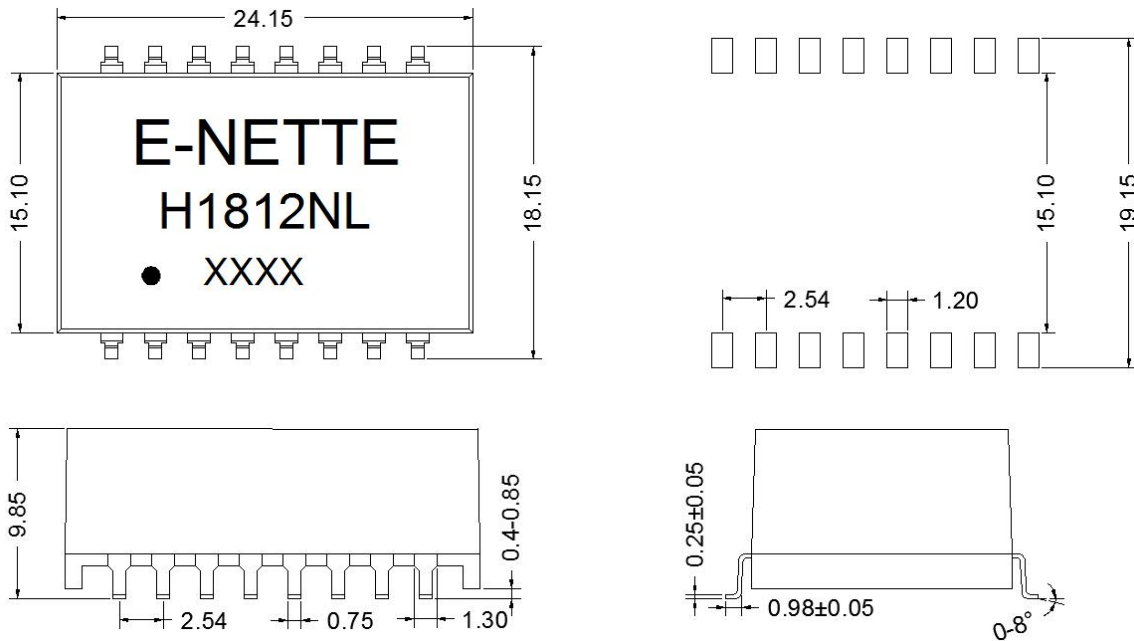
- \* Designed to meet IEEE802.3af requirement
- \* Lead-Free & Designed to meet RoHS requirement
- \* Designed to meet IR 255°C peak Requirement.
- \* Primary inductance 350μH min with 8mA DC Bias
- \* Operating temperature range: -40°C to +85°C
- \* Storage temperature range: -40°C to +85°C


**Electrical Specifications@25° C**

Part Number	Turn Ratio (±3%)	OCL(uH Min) @ 100KHz/0.1V with 8mA DC Bias	L.L (uH Max)	C <sub>w/w</sub> (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H1812NL	1CT:1CT	350	0.5	28	1.4	AC 4800V 0.5mA 1S

**Continue**

Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)				Cross Talk (dB Min)		DCMR (dB Min)		
		0.3-30MH	45MHz	60MHz	80MHz	0.3-60MHz	60-100MHz	0.3-30MHz	60MHz	100MHz
H1812NL	-1.4	-12	-10	-9	-8	-45	-40	-42	-37	-33

**Mechanical**


Unless otherwise specified tolerances: xx.xo ± 0.20mm  
o.xx ± 0.05mm

**Schematic**
