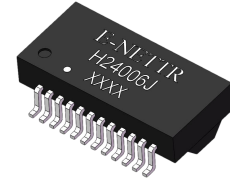




**P/N: H24006J**

- \* Designed to meet IEEE802.3ab requirement
- \* Lead-Free & Designed to meet RoHS requirement
- \* Designed to meet IR 255°C peak Requirement.
- \* Primary inductance 120μH min. with 0mA DC Bias
- \* Operating temperature range: -40°C to +85°C



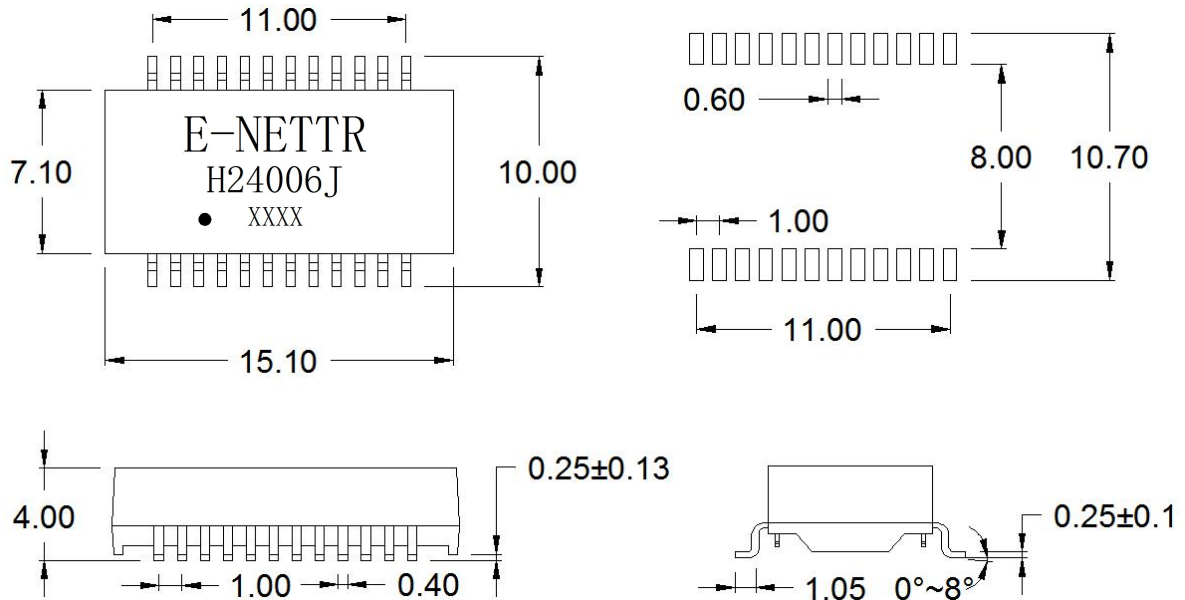
**Electrical Specifications@25° C**

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)
H24006J	1CT:1CT	120	0.5	28	0.9	AC 1500 / 1mA

**Continue**

Part Number	Insertion Loss (dB Max)		Return Loss (dB Min)		Cross Talk (dB Min)		DCMR (dB Min)	
	1-100MHz	100-500MHz	0.3-40MHz	40-500MHz	1-100MHz	100-500MHz	1-250MHz	250-500MHz
H24006J	-1.0	-3.0	-18	-17+10*log(f/40)	-40	-30	-30	-20

**Mechanical**



Dimensions: mm

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

**Schematic**

