E-NETTR 10/100/1000Base-T Transformer Module
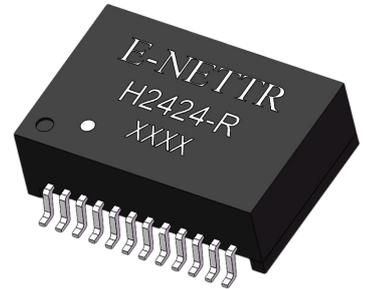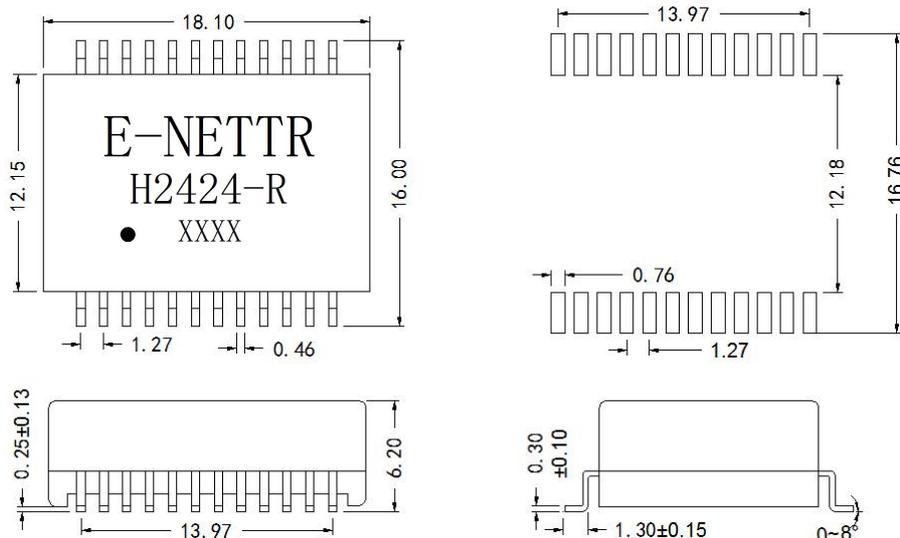
P/N: H2424-R

* Designed for long haul Gigabit Ethernet 100/1000Base-T, full duplex applications
* Designed to meet IEEE802.3ab requirement
* Designed to meet IR255℃ peak requirement
* Powet over Ethernet(POE) Magnetics, 720mA current capability
* Primary inductance 350uH Min with 8mA DC Bias
* Cable interface for isolation and low common mode emissions
* Supports 4 pairs of category 5UTP cable
* Lead-Free & Designed to meet RoHS requirement
* Operating temperature range -40℃to+85℃
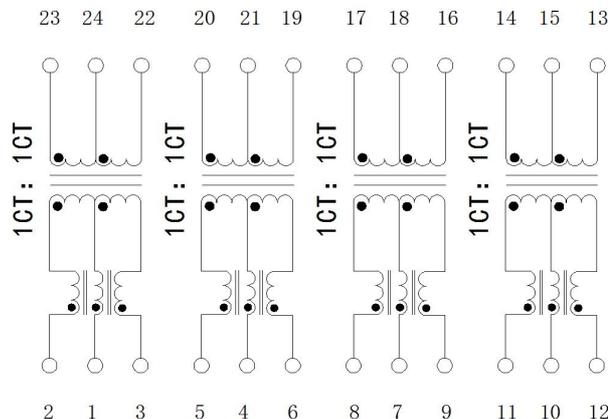* Storage temperature range:-40^{0}C to +85^{0}C

Electrical Specifications@25℃

Part Number	Turn Ratio	Insertion Loss (dB Max)			Return Loss (dB Min)				Cross Talk (dB Min)			Hi-Pot (Vrms MIN)
		1MHz	100MHz	125MHz	30MHz	60MHz	80MHz	100MHz	30MHz	60MHz	100MHz	
H2424-R	1CT:1CT	-1.1	-1.0	-2.0	-18	-13.1	-12	-10	-40	-35	-33	1500

Mechanical

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

Schematics