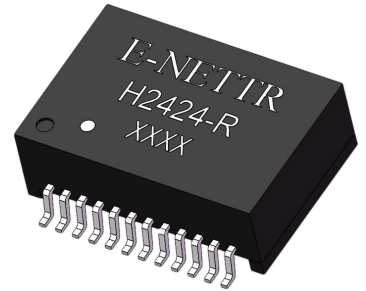




E-NETTR 10/100/1000Base-T Transformer Module

P/N: H2424-R

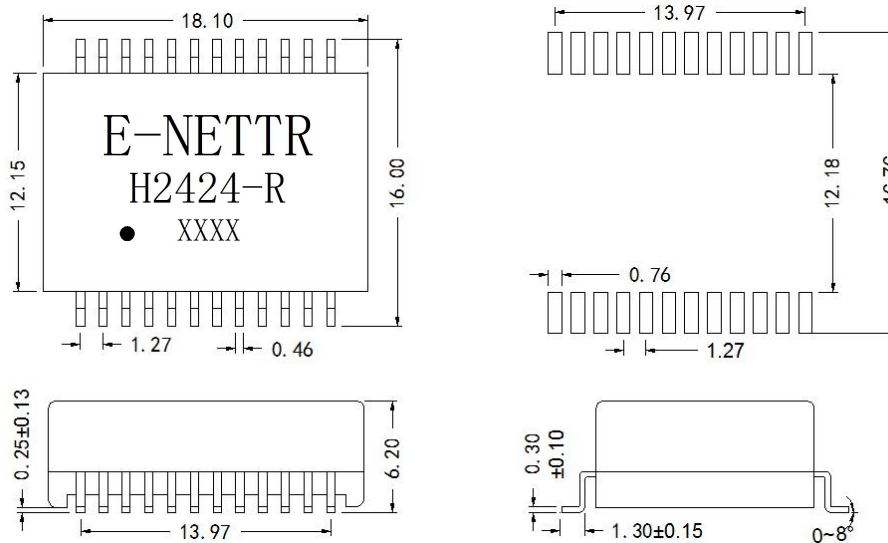
- * Designed for long haul Gigabit Ethernet 100/1000Base-T, full duplex applications
- * Designed to meet IEEE802.3ab requirement
- * Designed to meet IR255°C peak requirement
- * Power over Ethernet (POE) Magnetics, 720mA current capability
- * Primary inductance 350uH Min with 8mA DC Bias
- * Cable 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°C to +85°C
- * Storage temperature range: -25°C to +125°C



Electrical Specifications @ 25°C

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

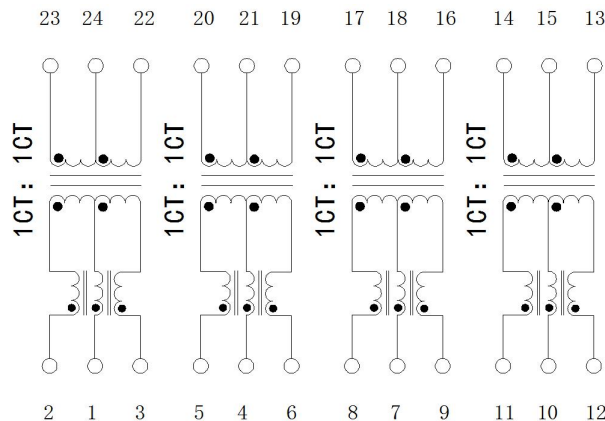
Mechanical



Unless otherwise specified tolerances: xx.xo ± 0.25mm

o.xx ± 0.05mm

Schematics



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