



E-NETTR 2.5G BASE-T Transformer Module

P/N: H24306C

- * Designed to meet IEEE802.3ab requirement
- * Lead-Free & Designed to meet RoHS requirement
- * Complying with ROHS requirements.
- * Designed to meet IR 255°C peak Requirement.
- * Operating temperature range: -40°C to +85°C

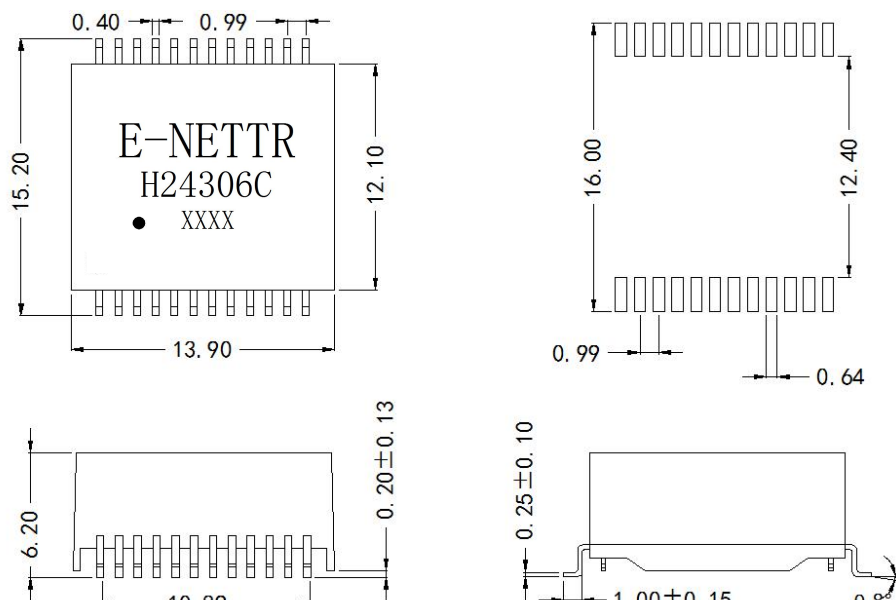
Electrical Specifications@25° C

Part Number	Turn Ratio (±3%)	OCL(uH Min) @ 100KHz/0.1V	L.L (uH Max)	C _{w/w} (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H24306C	1CT:1CT	180	0.5	28	0.9	AC 1500 V/ 1mA

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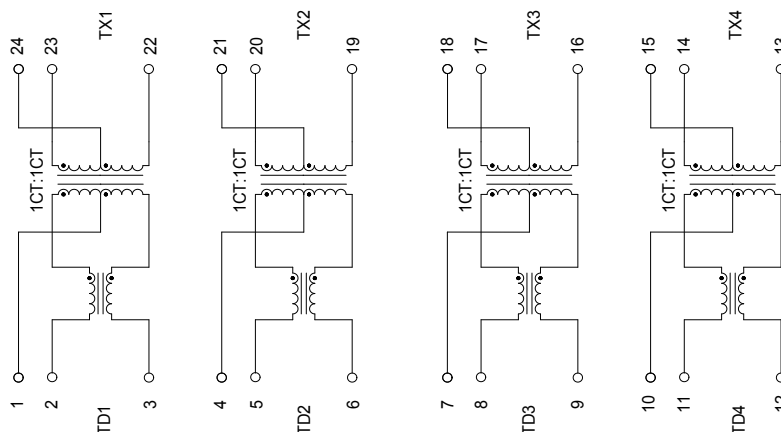
Part Number	Insertion Loss (dB Max)			Return Loss (dB Min)@Load 100 Ω			Cross Talk (dB Min)			DCMR (dB Min)	
	0.3-50MHz	50-125MHz	125-200MHz	0.3-40MHz	40-125MHz	125-250MHz	1-30MHz	30-100MHz	100-200MHz	1-30MHz	30.1-250MHz
H24306C	-0.5	-1.0	-2.0	-20	-20+10Log ₁₀ (f/40)	-16+10Log ₁₀ (f/40)	-39	-39+17Log ₁₀ (f/30)	-30	-48	-48+18.5 log ₁₀ (f/30)

Mechanical



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

Schematic



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