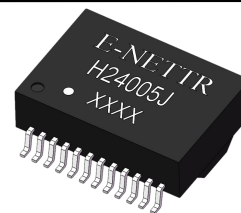




E-NETTR 10G BASE-T Transformer Module

P/N: H24005J

- * Designed to meet IEEE802.3at 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
- * POE applications with 1A current capability



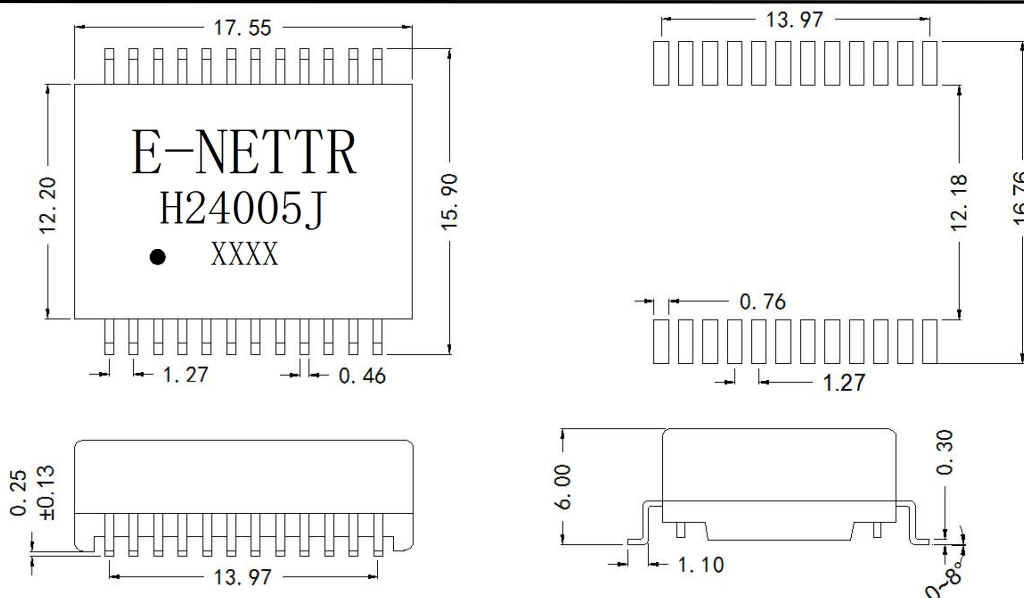
Electrical Specifications@25° C

Part Number	Turn Ratio (±3%)	OCL(uH Min) @ 100KHz/0.1V with 0mA DC Bias	L.L (uH Max)	C _{w/w} (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H24005J	1CT:1CT	100	0.5	28	0.35	AC 1500 / 1mA

Continue

Part Number	Insertion Loss (dB Max)			Return Loss (dB Min)				Cross Talk (dB Min)		DCMR (dB Min)	
	1-300MHz	400MHz	500MHz	1-100MHz	200-300MHz	400MHz	500MHz	1-100MHz	100-500MHz	1-250MHz	250-500MHz
H24005J	-1.0	-1.5	-2.0	-18	-12	-11	-10	-40	-30	-30	-22

Mechanical

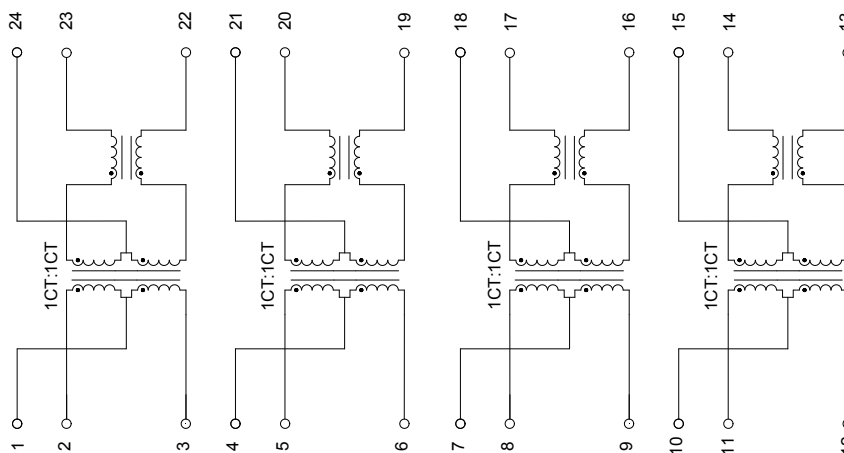


Dimensions: mm

Unless otherwise specified tolerances: xx.xo ± 0.25mm

o.xx ± 0.05mm

Schematic



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