E-NETTR 2.5G/5G BASE-T Transformer Module

P/N: H24515E

* **Design for 5G ethernet application.**
* **Complying with ROHS requirements.**
* **Designed to meet IR 255℃ peak Requirement.**
* **POE applications with 720mA current capability.**
* **Operating temperature range: -40^{0}C to +85^{0}C**

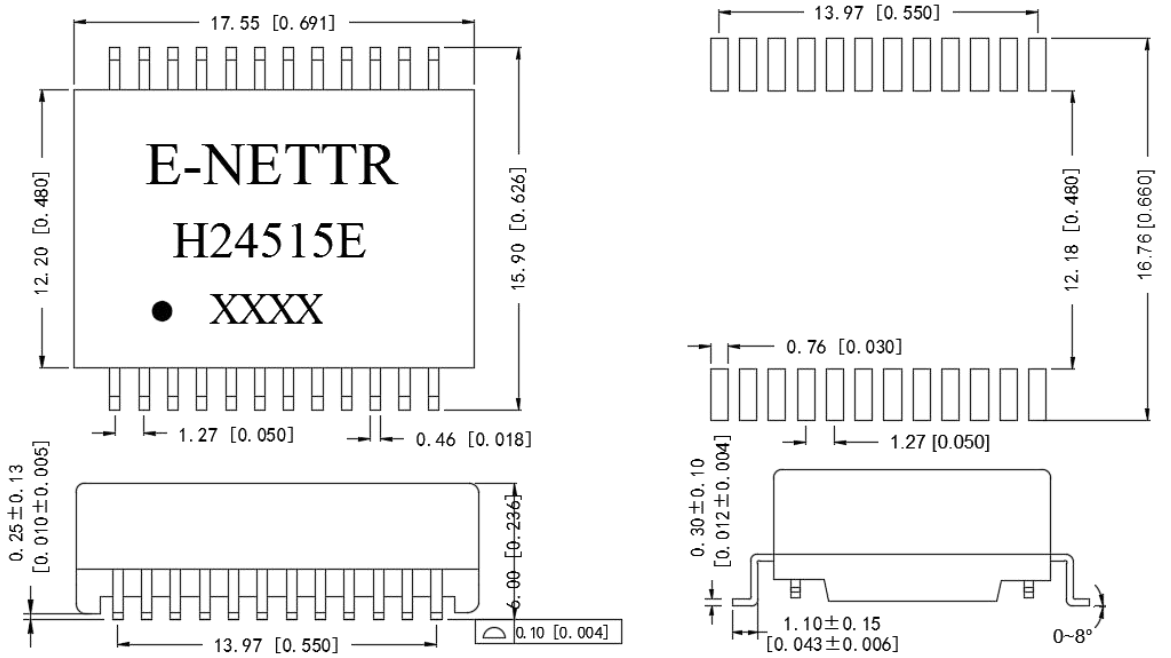
Electrical Specifications@25°C

Part Number	Turn Ratio (±3%)	OCL(uH Min) @100KHz/0.1V	OCL(uH Min) @10. 8mA 100KHz/0.1V	L.L (uH Max)	$C_{w/w}$ (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H24515E	1CT:1CT	180	150	0.5	28	0.9	DC 2250 V/ 1mA

Continue

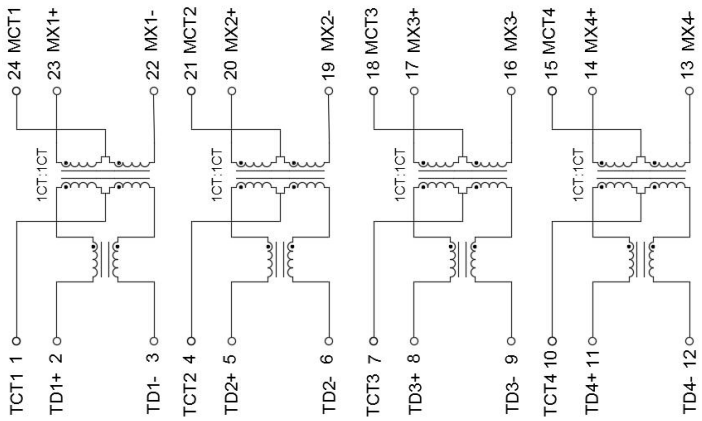
Part Number	Insertion Loss (dB Max)		Return Loss (dB Min)@Load 100 Ω		Cross Talk (dB Min)		DCMR (dB Min)	
	0.3-100MHz	100.1-250MHz	0.3-40MH	40.1-250MHz	1-100MHz	100.1- 250MHz	1-30MHz	30.1-250MHz
H24515E	-1.0	-1.5	-20	-20+12Log$_{10}$(f/40)	-30	-20	-44	-30

Mechanica



Unless:mm[inch] Tolerances: xx.xo± 0.25[0.010]
o.xx± 0.05[0.002]

Schematic



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