



E-NETTR

10/100/1000 Base-T Transformer Module

P/N: H2451G

- * Designed to meet IEEE 802.3ab requirement
- * Lead-Free & Designed to meet RoHS requirement
- * Designed to meet IR 255°C peak Requirement.
- * Single Port for NIC Application
- * Operating temperature range: 0°C to +70°C
- * Storage temperature range: 0°C to +70°C

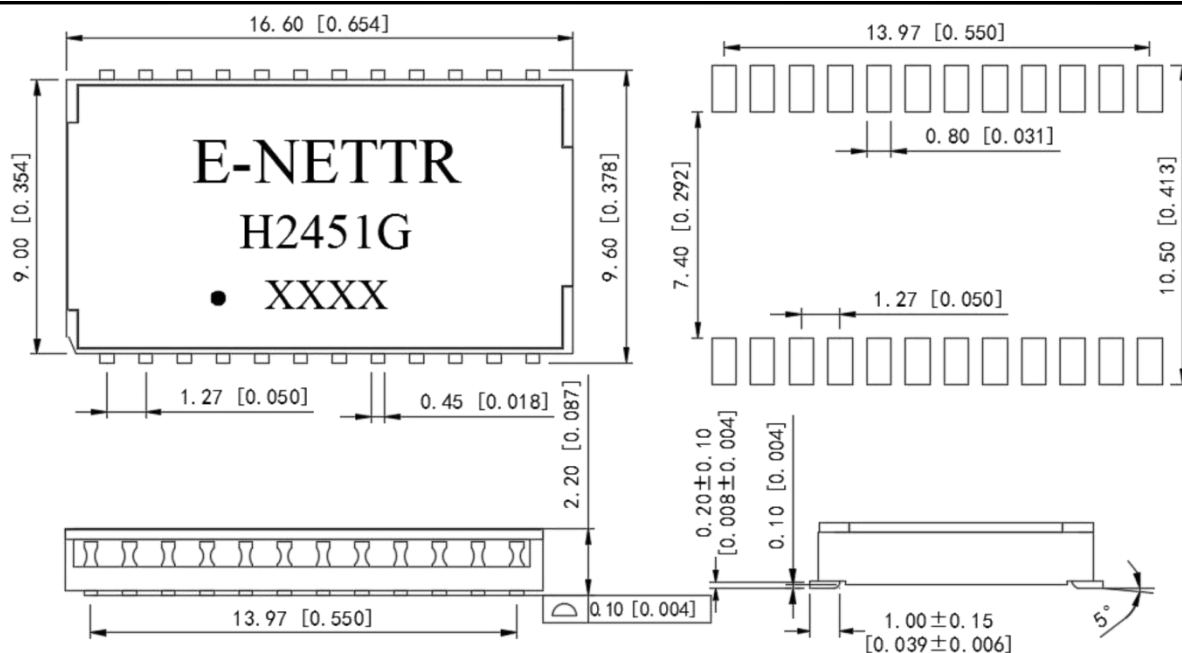
Electrical Specifications@25°C

Part Number	Turn Ratio (±3%)	OCL(uH Min) @ 100KHz/0.1V with 8mADC Bias	L.L (uH Max)	C _{w/w} (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H2451G	1CT:1CT	350	0.5	28	1.4	AC1500V /1mA/1S

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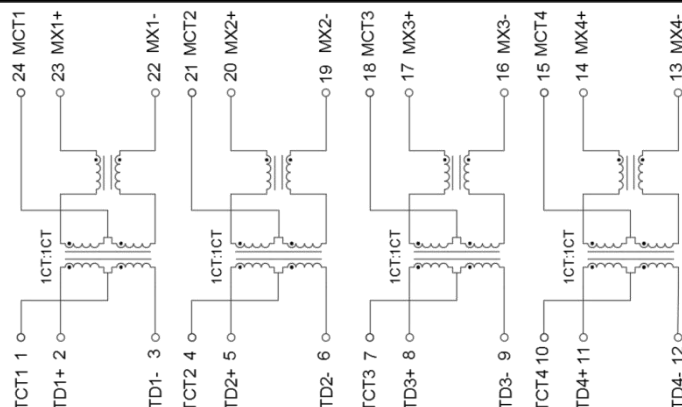
Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)			Cross Talk (dB Min)			DCMR (dB Min)		
		0.3-30MHz	60MHz	80MHz	30MHz	60MHz	100MHz	30MHz	50MHz	100MHz
H2451G	-1.0	-16	-12	-10	-40	-35	-30	-40	-35	-30

Mechanical



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

Schematic



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