



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

P/N: H2458G

- * Designed to meet IEEE802.3ab 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



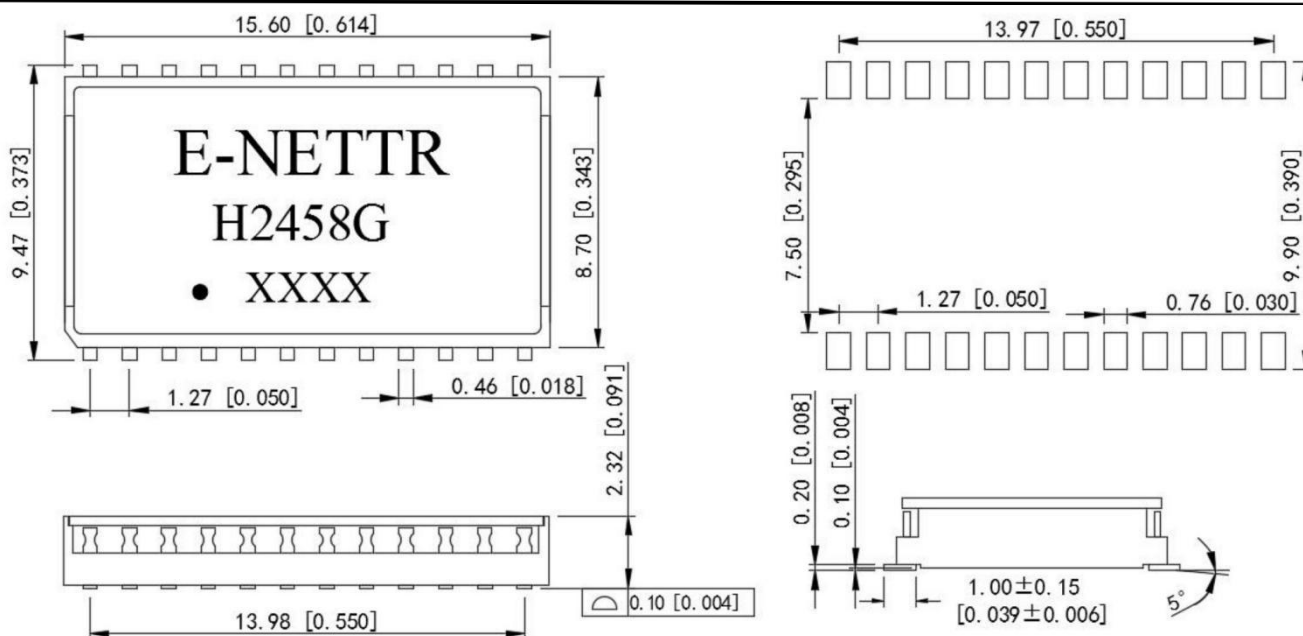
Electrical Specifications@25°C

Part Number	Turn Ratio	OCL(uH Min) @ 100KHz/0.1V	L.L (uH Max)	C _{w/w} (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H2458G	1CT:1CT	350	0.5	28	1.2	AC 1500/1mA/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	40MHz	50MHz	60-100MHz	30MHz	60-100MHz	30MHz	60MHz	80-100MHz
H2458G	-1.1	-18	-14.4	-13.1	-10	-35	-32	-40	-35	-30

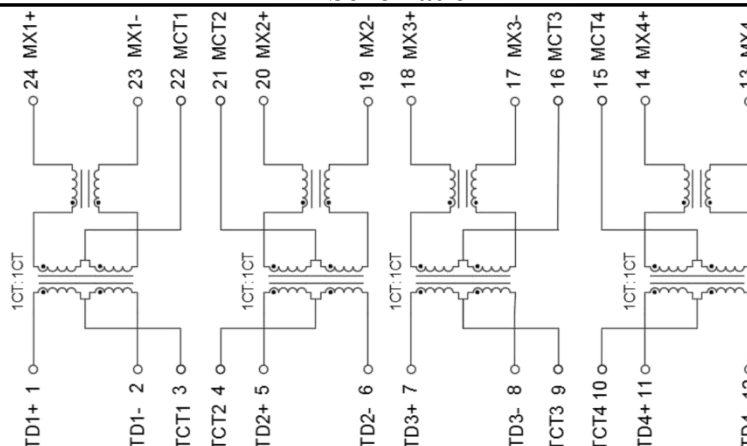
Mechanical



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

o.xx± 0.05[0.002]

Schematic



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