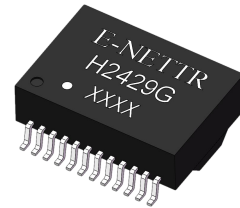




P/N: H2429G

- * Designed to meet IEEE802.3at requirement
- * Lead-Free & Designed to meet RoHS requirement
- * Designed to meet IR 255°C peak Requirement.
- * Primary inductance 180μH min. with 8mA DC Bias
- * Operating temperature range: -40°C to +85°C
- * POE applications with 720mA current capability



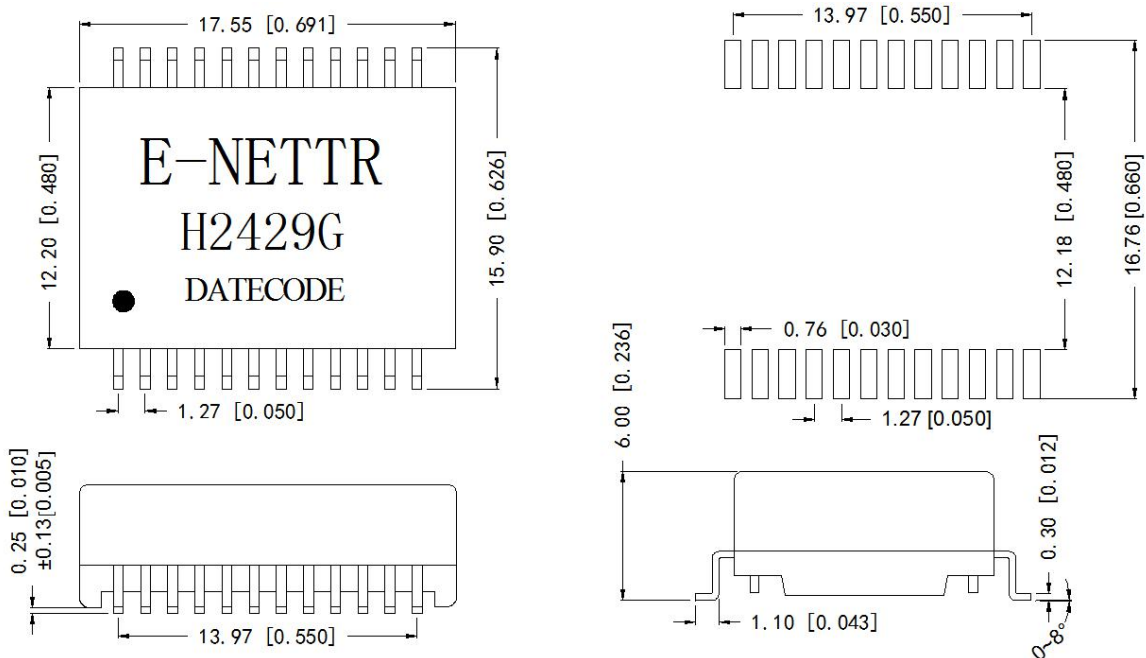
Electrical Specifications@25° C

Part Number	Turn Ratio (±3%)	OCL(uH Min) @ 100KHz/0.1V with 8mA DC Bias	L.L (uH Max)	C _{w/w} (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H2429G	1CT:1CT	180	0.5	28	0.9	AC 1500V/1mA

Continue

Part Number	Insertion Loss (dB Max)		Return Loss (dB Min)		Cross Talk (dB Min)		DCMR (dB Min)
	1-100MHz	100-125MHz	0.3-40MHz	40-125MHz	1-40MHz	40-125MHz	1-200MHz
H2429G	-1.0	-1.5	-18	-18+15*log(f/40)	-35	-35+15*log(f/40)	-30

Mechanical



Dimensions: mm[inch]
 Unless otherwise specified tolerances: xx.xo ± 0.25[0.01]
 o.xx ± 0.05[0.002]

Schematic

