



E-NETTR 10/100/1000Base-T DUAL Port Transformer Module

P/N: H4819G

- * Designed to meet IEEE802.3af requirement
- * Lead-Free & Designed to meet RoHS requirement
- * Designed to meet IR255°C peak requirement
- * Operating temperature range -40°C to +85°C
- * Storage temperature range: -40°C to +85°C

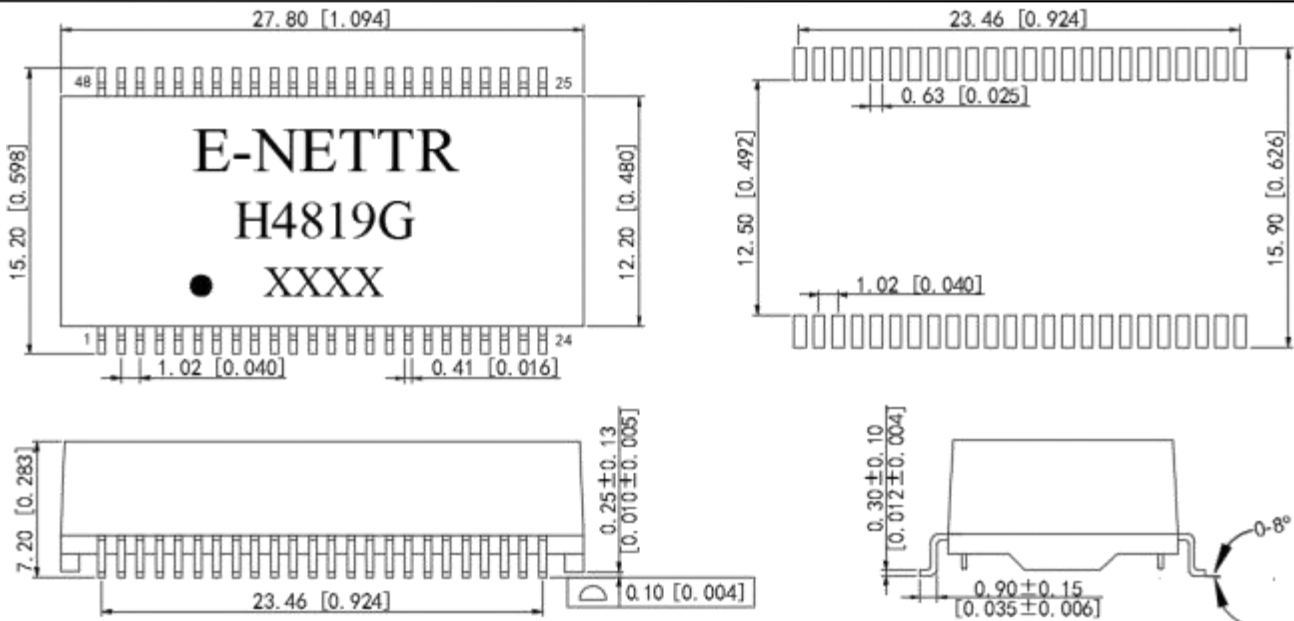
Electrical Specifications @ 25 °C

Part Number	Turn Ratio	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)
H4819G	1CT:1CT	350	0.5	28	1.1	AC 1500/1mA

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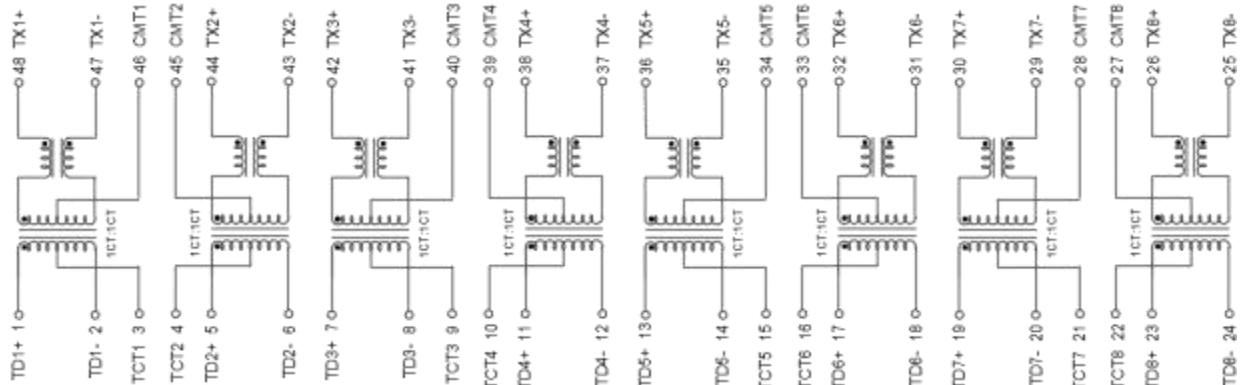
Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)					Cross Talk (dB Min)			DCMR (dB Min)		
		0.3-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
H4819G	-1.0	-18	-14.4	-13.1	-12.5	-10	-40	-35	-30	-43	-37	-33

Mechanical



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

Schematics



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