



E-NETTR

10/100/1000 Base-T Transformer Module

P/N: H2485G

- * 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: -40°C to +85°C
- * Storage temperature range: -40°C to +85°C

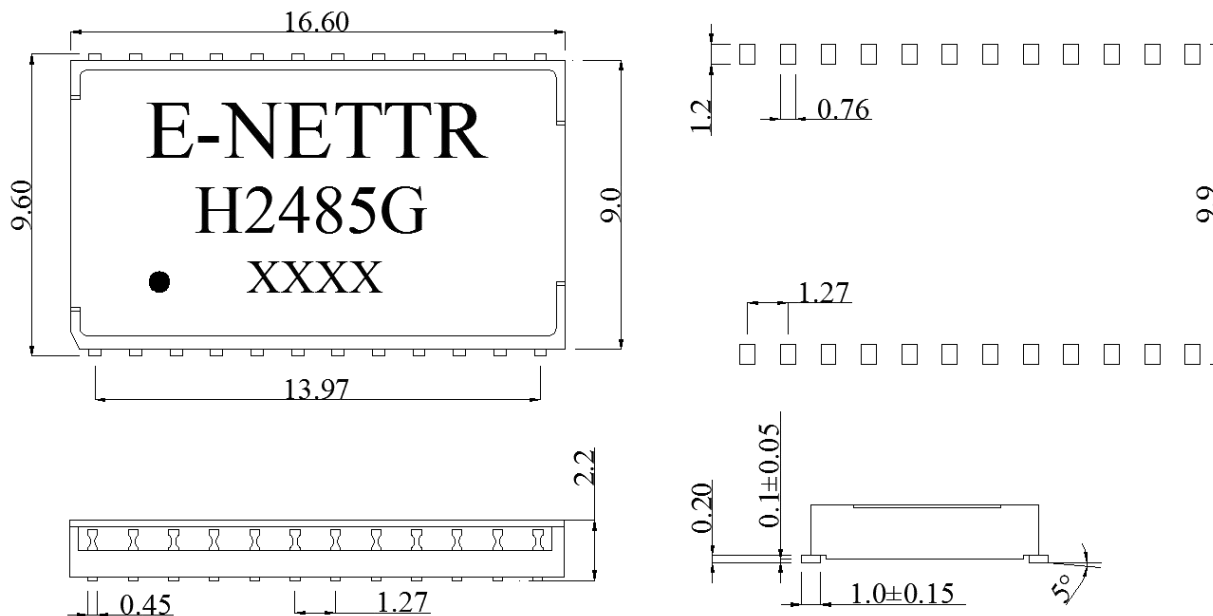
Electrical Specifications@25° C

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)
H2485G	1CT:1CT	180	0.5	28	1.4	AC1500V/1mA/1S

Continue

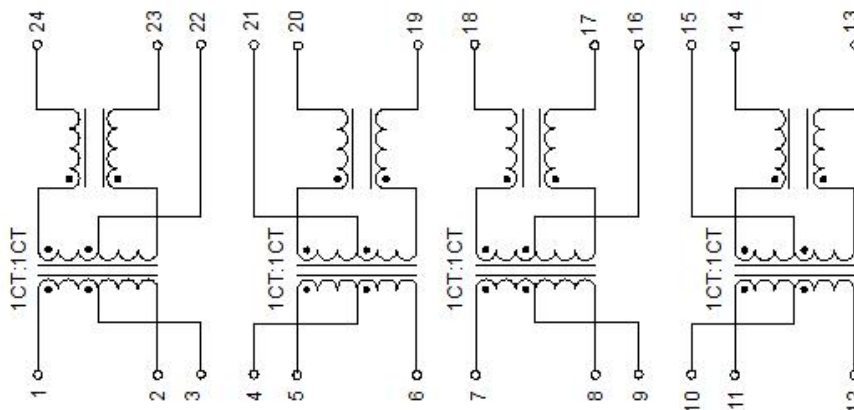
Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)			Cross Talk (dB Min)			DCMR (dB Min)		
		0.3-30MH	60MHz	80MHz	30MHz	60MHz	100MHz	30MHz	50MHz	100MHz
H2485G	-1.0	-16	-12	-10	-40	-35	-30	-40	-35	-30

Mechanical



Unless otherwise specified tolerances: xx.xo ± 0.25mm
o.xx ± 0.05mm

Schematic



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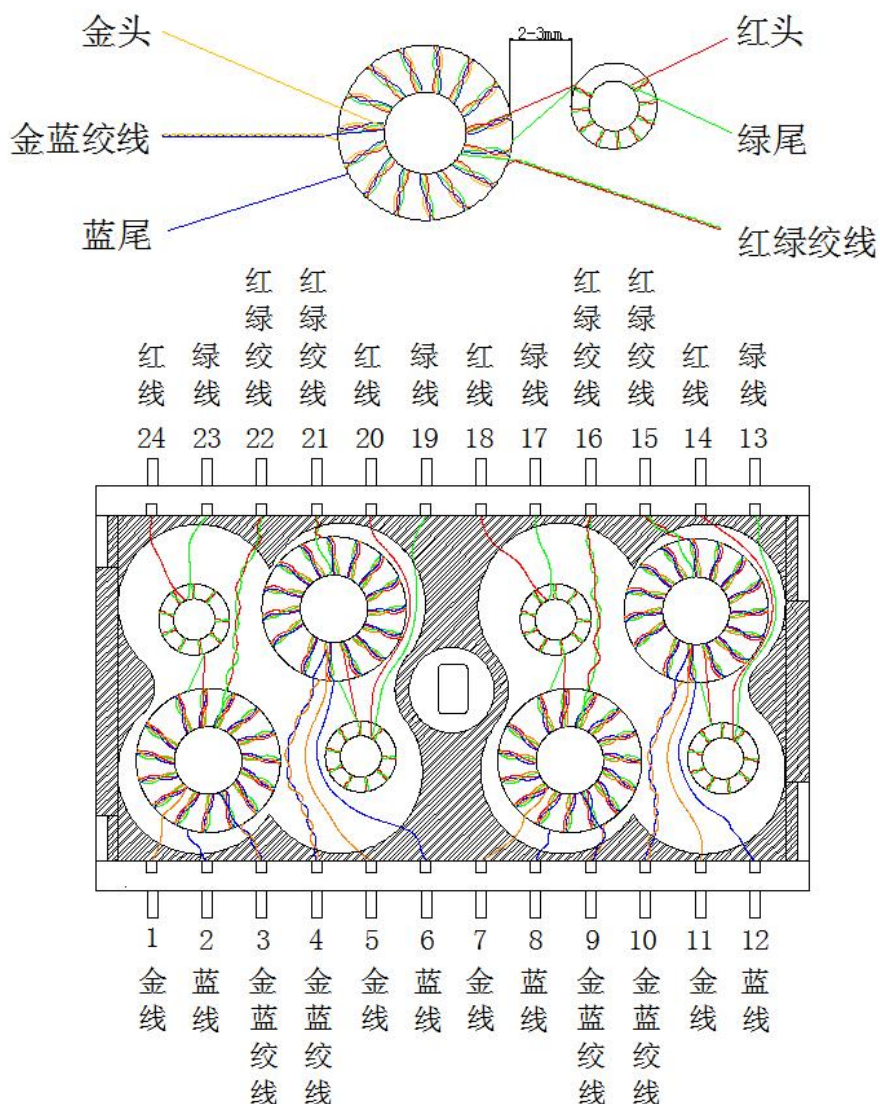
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基本材料明细表(H2450G 出货)

序号	位置	材料名称	规格	数量	单位	备注
1	主材	外壳	FH-2432 超薄底座	1	PCS	
2	主材	外壳	FH-2409 超薄上盖	1	PCS	A2
3	主材	T1 铁芯	MT3.50*1.50*0.76	4	PCS	16TS
4	主材	T2 铁芯	NT2.03*1.27*0.76	4	PCS	10TS
5	主材	漆包线	QPN-180 0.08mm R HF		g	
6	主材	漆包线	QPN-180 0.08mm N HF		g	
7	主材	漆包线	QPN-180 0.08mm B HF		g	
8	主材	漆包线	QPN-180 0.08mm G HF		g	
9	辅料	硅胶	KCC-SJ7000P		g	
10	辅料	黑胶	E-500		g	

理线图

H0034G 线包:



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