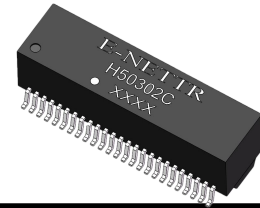




- \* Meets IEEE 802.3 specification.
- \* Primary inductance 180uH Min
- \* RoHS and Halogen Free compliant
- \* Operating Temperature Range -40°C to +85°C
- \* Storage temperature range: -40°C to +85°C



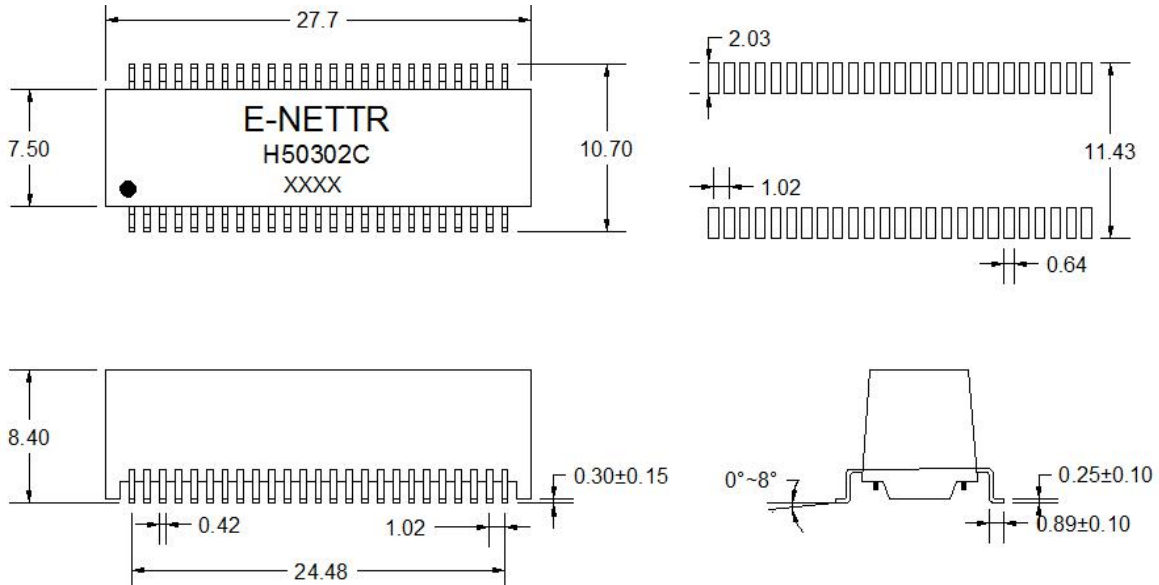
**Electrical Specifications @ 25° C**

Part Number	Turn Ratio (±3%)	OCL(uH Min) @ 100KHz/0.1V	L.L (uH Max)	C <sub>w/w</sub> (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H50302C	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)
	1-50MHz	50-125MHz	0.3-40MHz	40-200MHz	1-125MHz	1-125MHz
H50302C	-0.5	-1.0	-20	-20+15*LOG <sub>10</sub> (f/40)	-30	-30

**Mechanical**



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

**Schematics**

