



E-NETTR 2.5G Base-T DUAL Port Transformer Module

P/N: H48302C

- * Designed to meet IEEE 802.3af 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

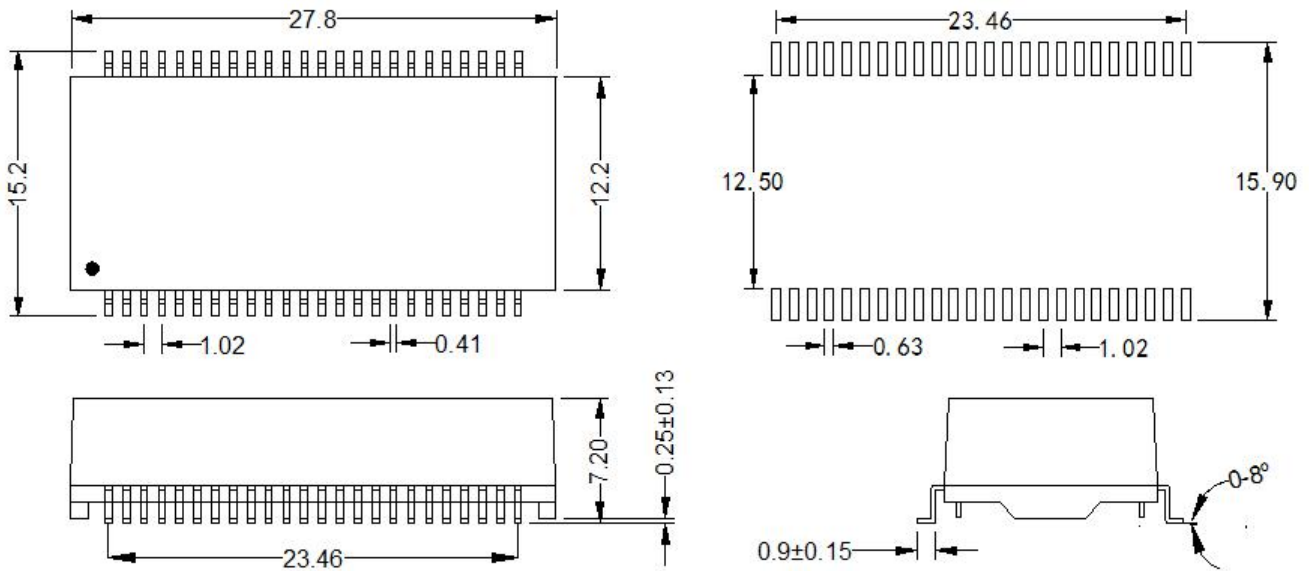
Electrical Specifications@25°C

Part Number	Turn Ratio (±3%)	OCL(uH Min) @ 100KHz/0.1V with 0mA DC Bias	L.L (uH Max)	C _{w/w} (pF Max)	DCR (Ω Max)	Hi-Pot (Vrms MIN)
H48302C	1CT:1CT	180	0.5	35	0.9	AC1500V / 1mA/1S

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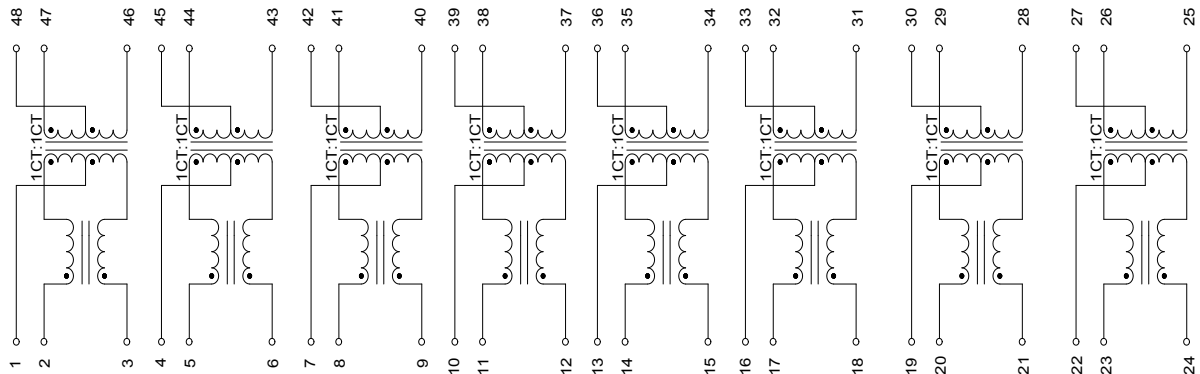
Part Number	Insertion Loss (dB Max)		Return Loss (dB Min)				Cross Talk (dB Min)				DCMR (dB Min)			
	1-100MHz	100-125MHz	1-40MHz	60MHz	100MHz	125MHz	30MHz	60MHz	100MHz	125MHz	30MHz	60MHz	100MHz	125MHz
H48302C	-1.0	-1.5	-16	-14.23	-12.02	-11.05	-39	-33.89	-30.07	-30	-48	-42.47	-38.22	-36.35

Mechanical



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

Schematics



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