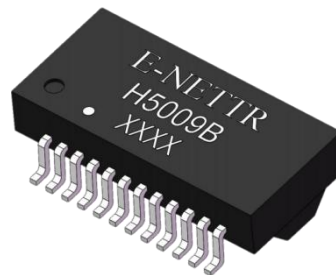


**E-NETTR****10/100/1000 Base-T Transformer Module****P/N: H5009B**

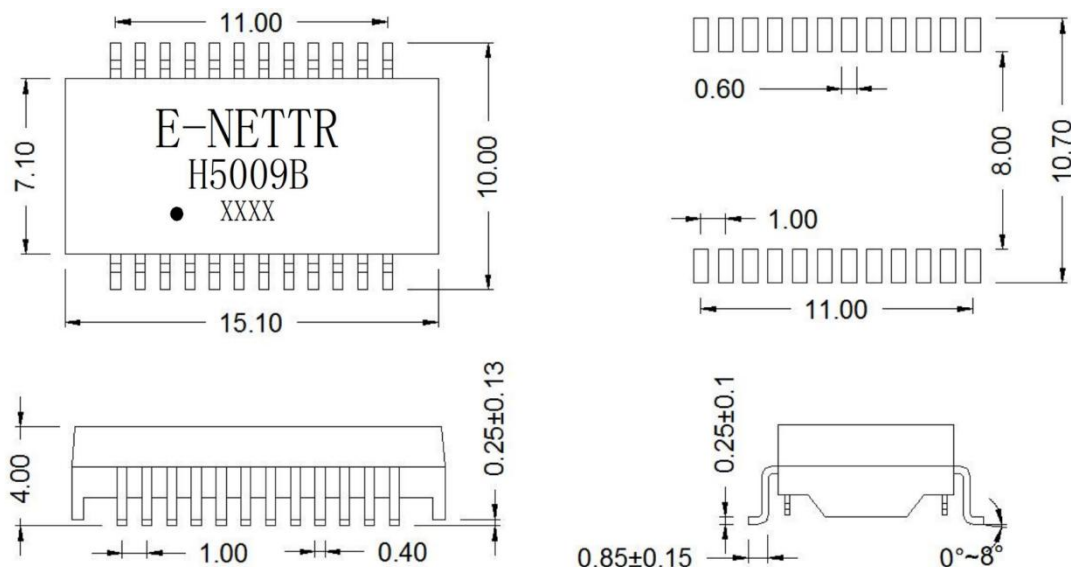
- * Designed to meet IEEE802.3ab requirement
- * Lead-Free & Designed to meet RoHS requirement
- * Designed to meet IR 255°C peak Requirement.
- * Primary inductance 350μH min. with 8mA DC Bias
- * Single Port for NIC Application
- * Operating temperature range: -40°C to +85°C
- * Storage temperature range: -40°C to +85°C
- * Comply with Halogen Free requirement

**Electrical Specifications@25° C**

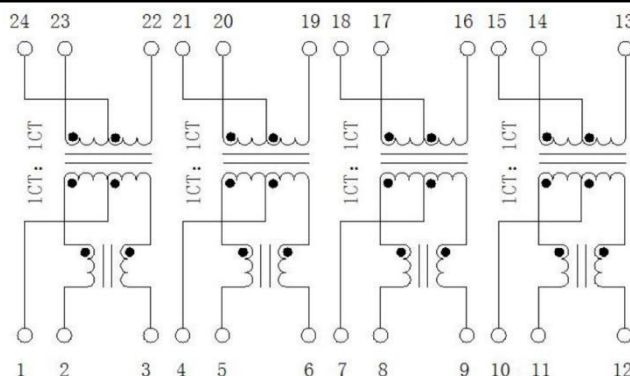
Part Number	Turn Ratio (±3%)	L.L (uH Max)	DCR (Ω Min)	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)				
					1-30MHz	40MHz	50MHz	60-80MHz	100MHz
H5009B	1CT:1CT	0.40	1.2	-1.0	-18.0	-14.4	-13.1	-12.0	-10.0

Continue

Cross Talk (dB Min)			DCMR (dB Min)			Hi-Pot (Vrms MIN)
30MHz	60MHz	80-100MHz	30MHz	60MHz	100MHz	
-45.0	-40.0	-35.0	-43.0	-37.0	-33.0	1500

Mechanical

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

Schematic

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