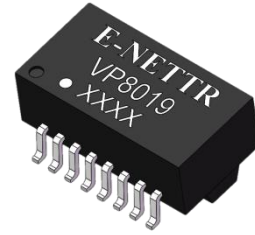




# E-NETTR 10/100 Base-T Single Port Transformer Module

- 0 Designed to meet IEEE802.3ab requirement
- 0 Lead-Free & Designed to meet RoHS requirement
- 0 Designed to meet IR 255°C peak Requirement.
- 0 Primary inductance 360μH min. with 8mA DC Bias
- 0 Operating temperature range: -40°C to +85°C



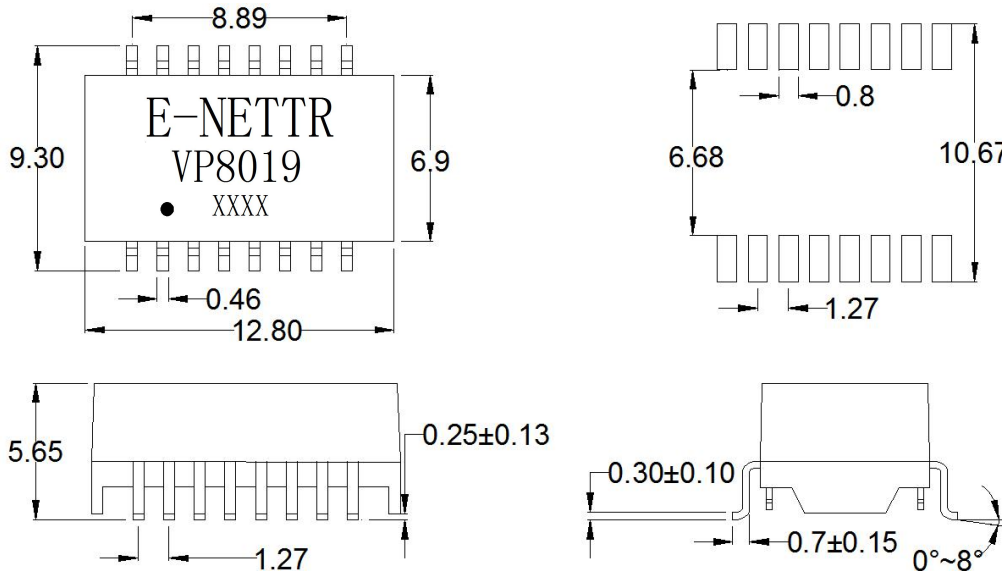
## Electrical Specifications@25° C

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
VP8019	1CT:1CT	0.40	1.2	-1.2	-16.0	-14	-13	-12.0	-10.0

## Continue

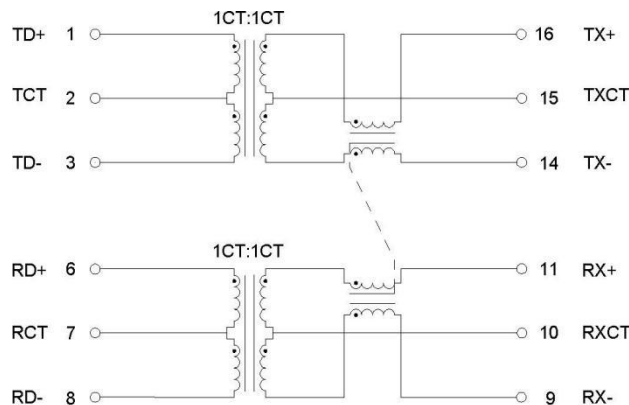
Cross Talk (dB Min)			DCMR (dB Min)			Hi-Pot (Vrms MIN)
30MHz	60MHz	100MHz	30MHz	60MHz	100MHz	
-45.0	-40.0	-35.0	-43.0	-37.0	-33.0	1500

## Mechanical



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

## Schematic



东莞市祥星电子有限公司

地址：东莞市石碣镇横滘科技中路第三工业区

TEL:0769-86384669

FAX:0769-81813600

Http://www.e-nettr.com

[xxing.guang@163.com](mailto:xxing.guang@163.com)