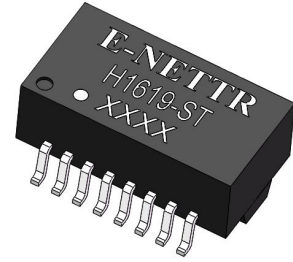




E-NETTR 10/100 Base-T Single Port Transformer Module

P/N: H1619-ST

- * Designed to meet IEEE802.3ab requirement
- * Lead-Free & Designed to meet RoHS requirement
- * Designed to meet IR 255°C peak Requirement.
- * Primary inductance 360μH min. with 8mA DC Bias
- * Operating temperature range: -40°C to +85°C
- * Operating temperature range: -40°C to +85°C
- * POE applications with 720mA current capability



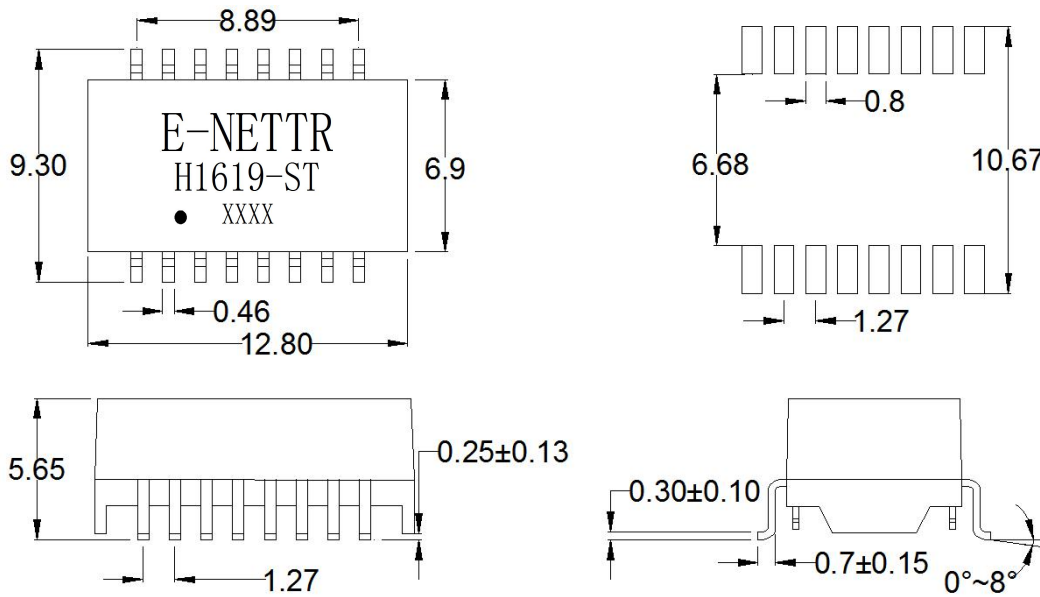
Electrical Specifications@25° C

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)
H1619-ST	1CT:1CT	350	0.5	28	1.0	AC 1500V 1mA

Continue

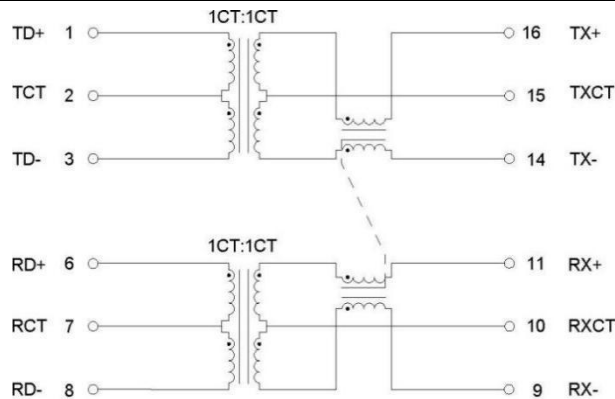
Part Number	Insertion Loss 0.3~100MHZ (dB Max)	Return Loss (dB Min)				Cross Talk (dB Min)		DCMR (dB Min)		
		0.3-30MH	60MHz	80MHz	100MHz	0.3-60MHz	60-100MHz	0.3-30MHz	60MHz	100MHz
H1619-ST	-1.1	-18	-14	-12	-10	-42	-35	-40	-35	-30

Mechanical



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

Schematic



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