

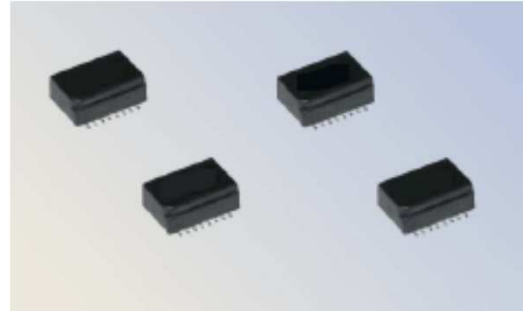
10/100 Base-T Magnetics Modules for LAN Applications

Features

- Meets IEEE 802.3af and ANSI X3.263 standards
- SMD modules are designed for pick and place compatibility
- full compatibility with all common IC's
- manufactured in ISO-9001:2000 certified facility
- fully RoHS compliant
- Turns Ratio 1CT: 1CT
- operating temperature: 0° to 70°C

Packing

- 24mm blister tape
330mm Ø reel
- 600 pcs/reel
5 reels per case (3000 pcs per case)



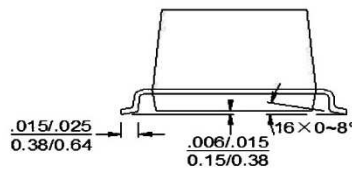
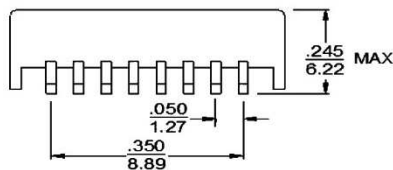
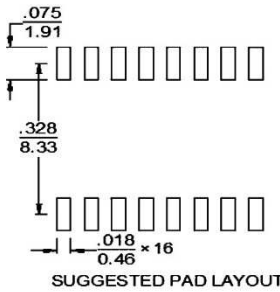
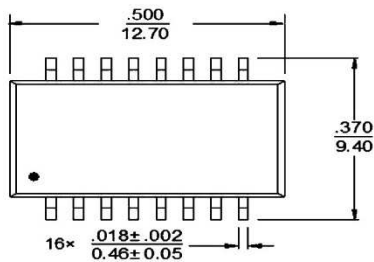
Electrical Specifications @ 25°C

Part Number	L (μH min)	Voltage Test (HIPOT)	Insertion Loss (dB max)		Return Loss (dB min)		DCMR* (dB min)		Crosstalk (dB min)	
SGL-500-370A	350	1500VAC	1 – 100	-1.1	30	-18	30	-42	30	-45
					60	-14	60	-37	60	-40
					80	-11.5	100	-33	100	-35
SGL-500-370B	350	1500VAC	1 – 100	-1.2	1 – 30	-16				
					40	-14	30	-45	30	-45
					50	-13	60	-37	60	-40
					60 – 80	-12	100	-33	100	-35

Test Conditions:

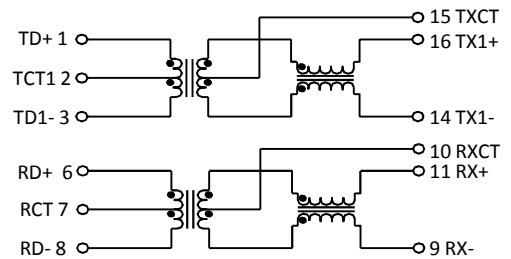
Inductance: 100kHz, 0.1V, 8mA DC Bias
HIPOT test: 1500VAC, 50Hz
dB measurements: f in MHz

*Differential to Common-mode Rejection

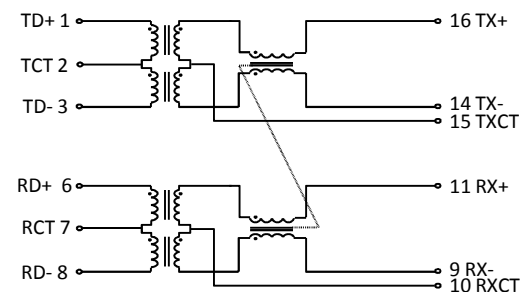


*Dimensions ± 0.010/0.25

SGL-500-370A: 10/100 Base-T Single Port



SGL-500-370B: 10/100 Base-T Single Port (PoE)



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