

Part Number: AE-SC48008

10/100/1000 BASE LAN TRANSFORMER

Page: 1/2

- Compliant with IEEE 802.3 standard..
- RoHS compliant.
- Operating temperature range :0°C to +70°C.
- Storage temperature range:-20°C to +125°C.



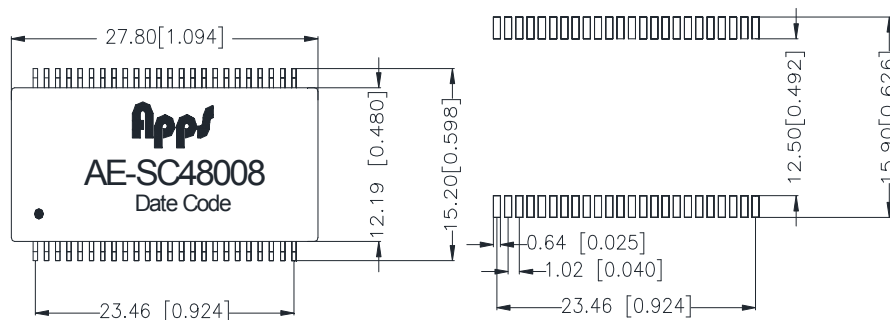
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL(μH Min) @100KHz/0.1V with 8.0mA DC	Insertion Loss (dB Max)	HI-POT (Vrms)
	TX	RX		1-100MHz	
AE-SC48008	1CT:1CT	1CT:1CT	350	-1.0	1500

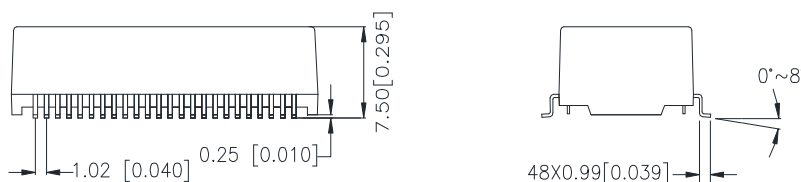
Continue

Part Number	Return Loss (dB Min)				Cross Talk (dB Min)		DCMR (dB Min)	
	1-30MHz	40MHz	60-80MHz	100MHz	1-60MHz	60-100MHz	1-60MHz	100MHz
AE-SC48008	-18	-14.4	-12	-10	-33	-30	-33	-30

Mechanicals:



SUGGESTED PCB LAYOUT



Dimension: mm[Inch]±0.25[0.010]

Address: Room 505, Block A, Xinian Centre, Shennan Road, Futian District, Shenzhen, Guangdong, P.R. China

Tel : +86 (755) 86538552 Fax : +86 (755) 26653184 Post Code : 518057

Http: www.appselectronics.com E-mail: sales@appselectronics.com

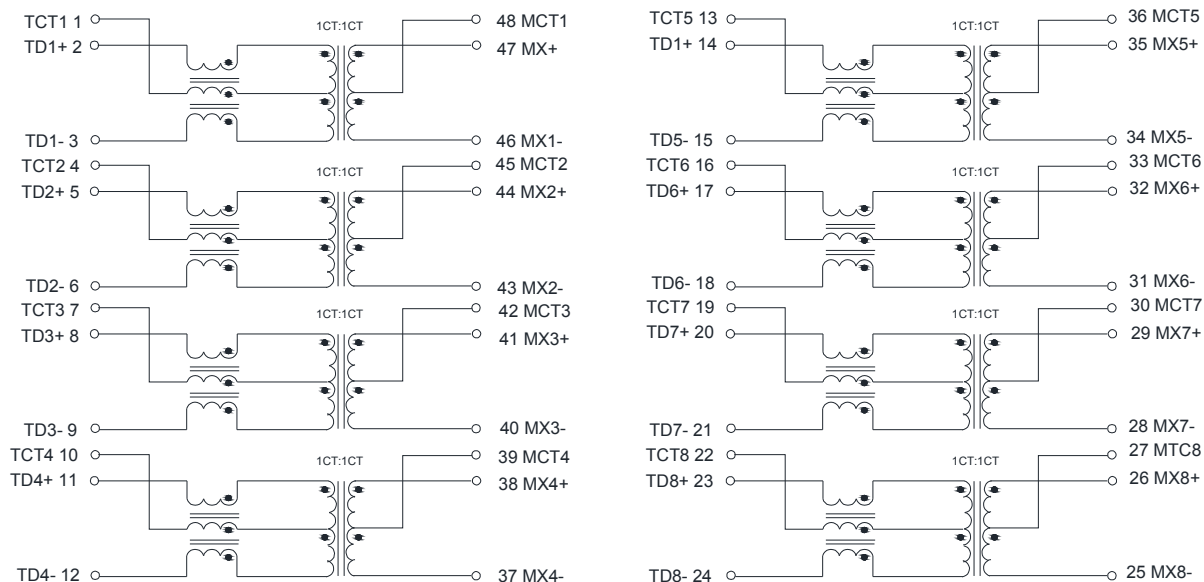
A

Part Number: AE-SC48008

10/100/1000 BASE LANT TRANSFORMER

Page: 2/2

Schematics:



Package:

