

1000 BASE-T MAGNETICS MODULES

Designed to Support 1:1 Turns Ratio Transceivers



- 1) Designed for long haul Gigabit Ethernet (10/100/1000BASE-T) full duplex applications .
- 2) Supports 4 pairs of category 5 UTP cable .
- 3) Cable interface for isolation and low common mode emissions .
- 4) Compliant with IEEE 802.3at 720mA standard for 1000 Base-T.

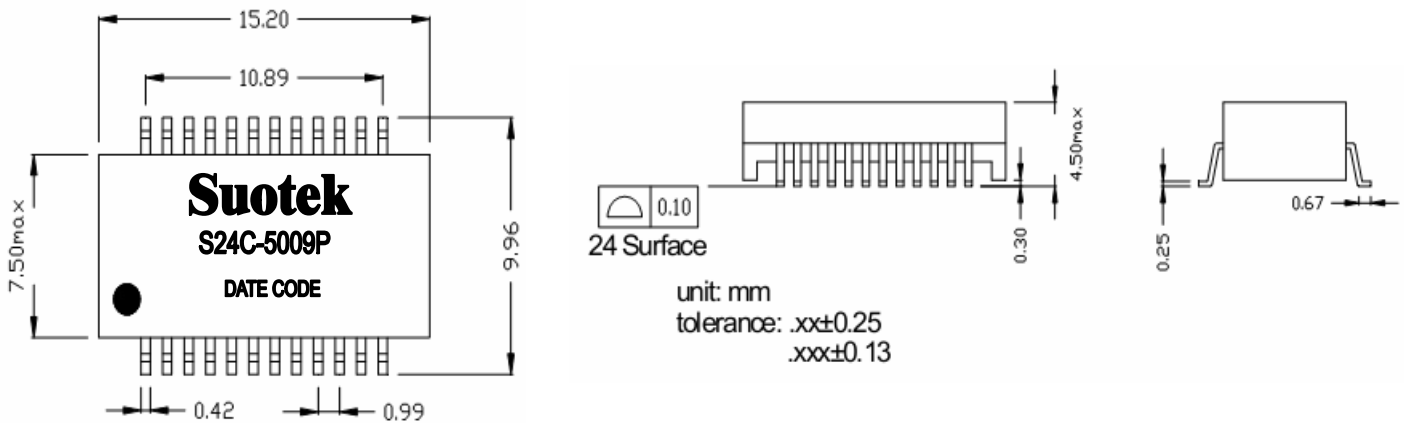


Electrical Specifications @ 25°C --- Operating temperature -40°C To +85°C .

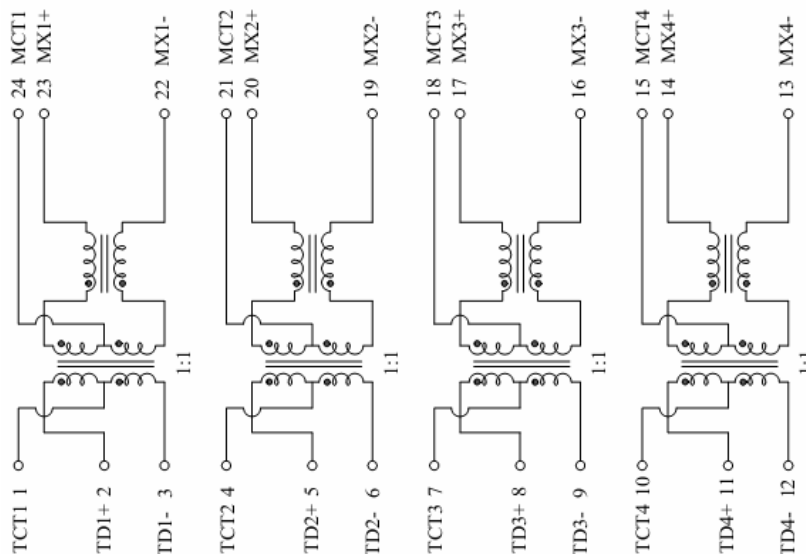
Part Number : S24C-5009P

Insertion Loss (dB Max)	Return Loss (dB Min. @ 100 ohm)					Differential to Common Mode Rejection (dB Min.)			Crosstalk (dB Min.)			Hi-Pot Vrms Min.
1~100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz	1500V
1.0	-18	-18	-16	-12	-10	-43	-37	-33	-45	-40	-35	

Mechanical Dimensions



Schematics



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