

SURFACE MOUNT 10 BASE-T INTERFACE MODULES APPLY TO GENERIC IC

P/N:FS2009A DATA SHEET

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Feature



- Pick and place available , SMD package.
- Designed to meet IEEE 802.3 requirement.
- Exclusively consist of passive component.
- Popular component, high value , low cost.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

Electrical Specifications @ 25°C							
Part Number	Turns Ratio (±5%)		CUT-OFF Frequency TX/RX	Cross talk Attenuation (dB Min)			HI-POT (Vrms)
	TX	RX		1-10 MHz			
FS2009A	1CT:1.41CT	1CT:1	17 MHz ± 1.5MHz	-30			1500
Continue							
Part Number	Insertion Loss (dB Max) TX/RX	Return Loss (dB Min) TX/RX	Attenuation (dB Min) TX/RX				CMR (dB Min) TX/RX
	1-10MHz	1-10MHz	20MHz	25MHz	30MHz	40MHz	30-100MHz
FS2009A	-1.0	-14	-7/-5	-18/-11	-28/-16	-33/-26	-30

Schematic

Mechanical

