

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

**P/N:FS2009 DATA SHEET**

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**Feature**



- Available in enhanced or standard design versions.
- Low profile surface mount package.
- Designed for AMD, DEC,LSI, Motorola, and National transceivers .
- 235<sup>0</sup>C peak infrared reflow temperature rating.
- 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	HI-POT (Vrms)	Return Loss (dB Min) TX/RX		
	TX	RX			1-10MHz		
FS2009	1CT:1.41	1CT:1	17 MHz ± 1.5MHz	1500	-14		
Continue							
Part Number	Insertion Loss (dB Max) TX/RX	Cross talk Attenuation (dB Min)	Attenuation (dB Min) TX/RX				CMR (dB Min) TX/RX
			1-10MHz	1-10 MHz	20MHz	25MHz	
FS2009	-1.0	-30	-7/-5	-18/-11	-28/-16	-33/-26	-30

**Schematic**

**Mechanical**

