



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

P/N:FS2009E DATA SHEET

Feature



- Available in enhanced or standard design versions.
- Low profile surface mount package.
- Designed for AMD, DEC, LSI, Motorola, and National transceivers .
- Operating temperature range: 0°C to +70°C .
- Storage temperature range: -25°C to +125°C .

Electrical Specifications @ 25°C

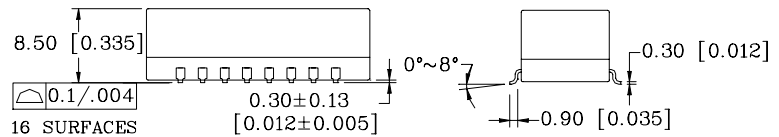
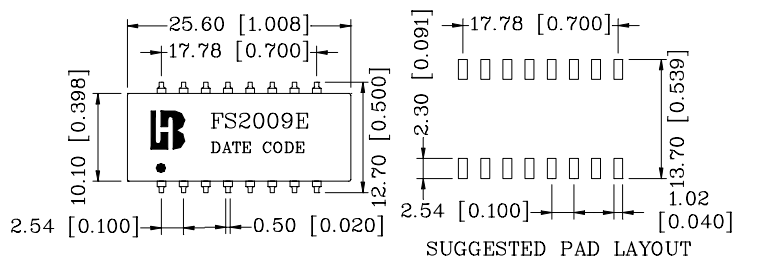
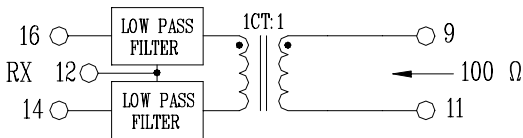
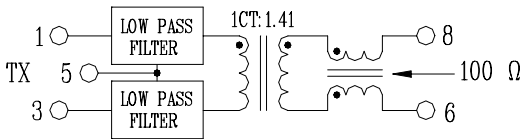
Part Number	Turns Ratio (±5%)		CUT-OFF Frequency TX/RX	Cross talk Attenuation (dB Min)	HI-POT (Vrms)
	TX	RX		1-10MHz	
FS2009E	1CT:1.41	1CT:1	17MHz±1.5MHz	-30	1500

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
FS2009E	-1.0	-14	-7/-5	-18/-11	-28/-16	-33/-26	-30

Schematic

Mechanical



Units: mm[Inches] Tolerances: xx.x0±0.25[0.010]
0.xx±0.05[0.002]