



10 BASE-T LOW PASS FILTER TRANSMITTER & RECEIVER WITH COMMON CHOKES

APPLY TO GENERIC IC

P/N:FS2028M L F DATA SHEET

Feature



- IEEE 802.3 and IEEE 802.5 compatible.
- Designed to meet AMD AM79C98, AT & T T7220 & NS DP83922 chip sets requirements.
- Integrated filter and isolation transformers in single 16 Pin SMD package.
- Low insertion loss characteristics.
- Cost effective designs.
- Lead free for external pins.
- Operating temperature range: -40 to +85 .
- Storage temperature range: -40 to +125 .

Electrical Specifications @ 25° C

Part Number	Turns Ratio (±5%)		Cross talk Attenuation (dB Min)	CUT-OFF Frequency	HI-POT (Vrms)
	TX	RX			
FS2028M L F	1CT:1.41CT	1CT:1CT	-30	17MHz±1.5MHz	1500

Continue

Part Number	Insertion Loss (dB Max)		Return loss (dB Min)	Attenuation (dB Min)TX/RX				CMR (dB Min)
	1-10MHz	5-10MHz		5-10MHz	20MHz	25MHz	30MHz	
FS2028M L F	-1.0/RX	-1.2/TX	-15	-7/-6	-19/-14	-30/-20	-32/-31	-24

Schematic

Mechanical

