

# ETHERNET SMD FILTER

## P/N: FS2023B DATA SHEET: APPLY TO GENERIC IC

### A. GENERAL SPECIFICATIONS:

1. DESIGN FOR 10 BASE-T APPLICATION.
2. 16 PIN SMD LOW PROFILE PACKAGE.
3. HIGH ISOLATION VOLTAGE.
4. STORAGE TEMP RANGE: -25°C TO +125°C.

### B. ELECTRICAL SPECIFICATIONS @ 25°C:

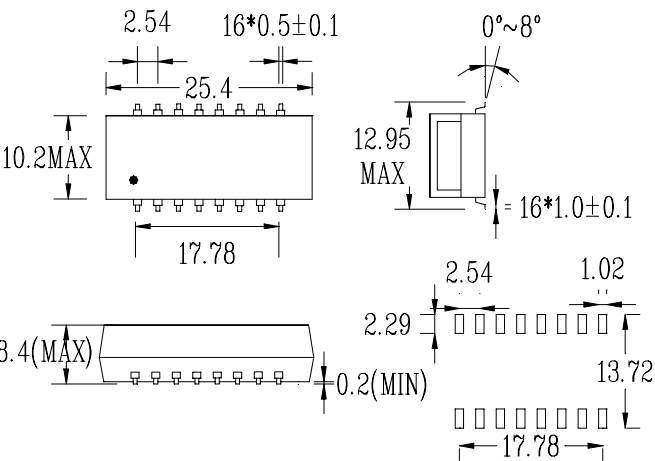
1. CUT-OFF FREQ: 17 MHz +/- 1.5MHz
2. INSERTION LOSS (1-10MHz): -1.0dB MAX(TX & RX)
3. ATTENUATION: TX RX
 

@25MHz	-5	-6(dB MIN)
@30MHz	-10	-20(dB MIN)
@40MHz	-16	-31(dB MIN)
4. HI-POT: 2000 VRMS
5. RETURN LOSS (1-10MHz): -13.5 dB MIN
6. CROSSTALK (1-10MHz): -30 dB MIN

### D. MARKING:



PIN 1 DOT



TOLER: ±0.25

Suggested pad layout

