

# ETHERNET SMD FILTER APPLY TO GENERIC IC

## P/N: FS2025 DATA SHEET

### A.GENERAL SPECIFICATIONS:

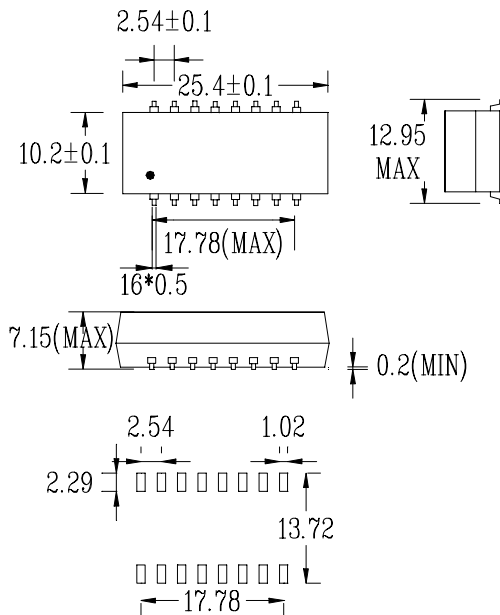
- DESIGN FOR 10 BASE-T APPLICATION.
- 16 PIN SMD LOW PROFILE PACKAGE.
- HIGH ISOLATION VOLTAGE.
- STORAGE TEMP RANGE: -25°C TO +125°C.

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

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

@25MHz	-5	-6(dB MIN)
@30MHz	-10	-20(dB MIN)
@40MHz	-16	-31(dB MIN)
@50MHz		-31(dB MIN)
- HI-POT: 2000 VRMS
- RETURN LOSS (1-10MHz): -13.5 dB MIN
- CROSSTALK (1-10MHz): -30 dB MIN

### C.DIMENSIONS & SCHEMATIC: (unit mm)



Suggest pad layout  
TOLTAL: ±0.25

### D.MARKING:

