

10 BASE-T ETHERNET SMD FILTER

P/N: FS2026-1: APPLY TO GENERIC IC

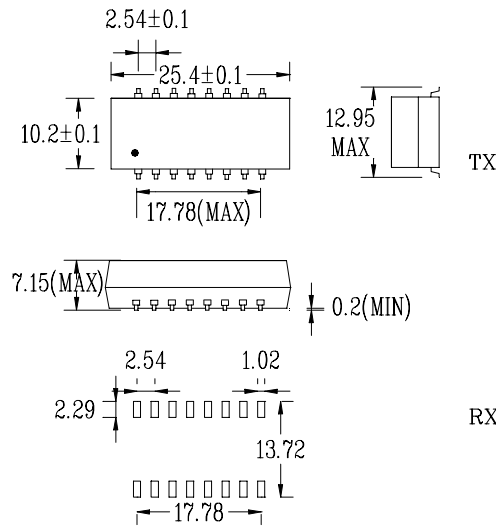
A. GENERAL SPECIFICATIONS:

1. DESIGNED FOR 10 BASE-T APPLICATION.
2. FULLY COMPATIBLE WITH IEEE 802.3 STANDARD.
3. 16-PIN SMD LOW PROFILE PACKAGE.
4. OPERATING TEMP RANGE: 0°C TO 70°C.
5. STORAGE TEMP RANGE: -25°C TO +125°C.

B. ELECTRICAL SPECIFICATIONS @ 25°C:

1. TURN RATIO: TX=1CT: 1CT, RX=1CT: 1
2. HI-POT: 1600 Vrms
3. CUT-OFF FREQ: 17 MHz +/- 1.5MHz
4. INSERTION LOSS (1-10 MHz): -1.0dB MAX (TX & RX)
5. ATTENUATION 20MHz 25MHz 30MHz 40MHz
 TRANSMITTER -7 -19 -30 -32
 RECEIVER -6 -14 -20 -31 (dB MIN)
6. RETURN LOSS:
 FREQUENCY TX RX
 5-10MHz -15 -15 (dB MIN)
7. DIFFERENTIAL TO COMMON MODE
 REJECTION: FREQUENCY TX RX
 30-100MHz -30 -30 (dB MIN)
8. CROSSTALK ATTEN (1-10 MHz): -30 dB (MIN)

C. DIMENSIONS & SCHEMATIC: (unit mm)



D. MARKING:

