

10 BASE-T ETHERNET SMD FILTER

P/N:FS2022:APPLY TO GENERIC IC

A. GENERAL SPECIFICATIONS:

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

B. ELECTRICAL SPECIFICATIONS @ 25°C:

1. TURN RATIO: TX=1CT:1CT ,RX=1CT:1CT
2. HI-POT: 1800 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
 TRANSMITTER -6.8 -27 -32 (dB MIN)
 RECEIVER -4.2 -20 -32
6. RETURN LOSS:
 FREQUENCY TX RX
 1-12MHz -13.5 -13.5 (dB MIN)
7. CROSSTALK ATTEN (1-10 MHz): -30 dB(MIN)

D. MARKING:



PIN 1 DOT

C. DIMENSIONS & SCHEMATIC: (unit mm)

