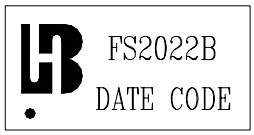
10 BASE-T ETHERNET SMD FILTER
P/N: FS2022B: APPLY TO GENERIC IC

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 : 0ºC TO 70ºC.
5. STORAGE TEMP RANG: -25ºC TO +125ºC.

B. ELECTRICAL SPECIFICATIONS @ 25ºC:
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 40MHz
   TRANSMITTER -7 -19 -30 -32
   RECEIVER -6 -14 -20 -31 (dB MIN)
6. RETURN LOSS:
   FREQUENCY TX RX
   1-10MHz -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)

D.MARKING:



PIN 1 DOT

C. DIMENSIONS & SCHEMATIC: (unit mm)

