10 BASE-T ETHERNET SMD FILTER
P/N: FS2022-2: APPLY TO GENERIC IC

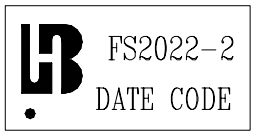
A. GENERAL SPECIFICATIONS:

1. DESIGNED FOR 10 BASE-T APPLICATION.
2. FULLY COMTATIBLE WITH IEEE 802.3 STANDARD.
3. 16-PIN SMD LOW PROFILE PACKAGE.
4. 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:1CT
2. HI-POT: 1500 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 -18 -28 -33
   RECEIVER -5 -11 -16 -26 (dB MIN)
6. RETURN LOSS:
   FREQUENCY TX RX
   5-10MHz -15 -15 (dB MIN)
7. DIFFERENTIAL TO COMMON MODE REJECTION:
   FREQUENCY TX RX
   5MHz -40 -40 (dB MIN)
   10MHz -30 -30
   50MHz -50 -50
   100MHz -45 -45
8. CROSSTALK ATTEN (5-10 MHz): -35 dB (MIN)

D.MARKING:



PIN 1 DOT

C. DIMENSIONS & SCHEMATIC: (unit mm)

