

10 BASE-T LOW PASS FILTER

P/N: FS2024: APPLY TO GENERIC IC

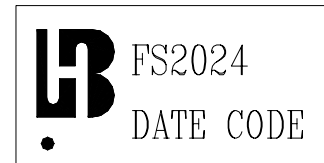
A. GENERAL SPECIFICATIONS:

1. DESIGN FOR 10 BASE-T APPLICATION.
2. 16 PIN SMD LOW PROFILE PACKAGE.
3. HIGH ISOLATION VOLTAGE.
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=2CT: 1CT, RX=1CT: 1CT
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 30MHz 40MHz
 TRANSMITTER -5 -10 -16 (dB MIN)
 RECEIVER -5 -10 -16
6. RETURN LOSS (1-10MHz): -15 dB MIN

D.MARKING:



PIN 1 DOT

C. DIMENSIONS & SCHEMATIC: (unit mm)

