

10 BASE-T LOW PASS FILTER TRANSMITTER & RECEIVER WITH COMMON CHOKES

P/N:FB2022B:APPLY TO GENERIC IC

A. GENERAL SPECIFICATIONS:

1. IEEE 802.3 AND IEEE 802.5 COMPATIBLE.
2. DESIGNED TO MEET AMD AM79C98, AT & T T7220 & NS DP83922 CHIP SETS REQUIREMENTS.
3. INTEGRATED FILTER AND ISOLATION TRANSFORMERS IN SINGLE 16 PIN D.I.P. PACKAGE.
4. LOW INSERTION LOSS CHARACTERISTICS.
5. COST EFFECTIVE DESIGNS.

B. ELECTRICAL SPECIFICATIONS @ 20°C:

1. TURN RATIO: TX=1CT: 1CT, RX=1CT: 1CT
2. HI-POT: 2000 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 -28 -32
 RECEIVER -6 -14 -20 -31 (dB MIN)
6. RETURN LOSS:
 FREQUENCY TX RX
 1-10MHz -15 -15 (dB MIN)
7. CROSSTALK ATTEN (1-10 MHz): -30 (dB MIN)

C. DIMENSIONS & SCHEMATIC & MARKING: (unit mm)

