

HOME LAN NETWORKING BANDPASS& 10 /100 BASE-T FILTER

P/N: HR008: APPLY TO AMD 79C978 SINGLE CHIP

A.GENERAL SPECIFICATIONS:

1. DESIGN FOR HOME LAN NETWORKING PHONELINE & ETHERNET.
2. SUPPORTS TWT SYSTEM HOME LAN TECHNOLOGY.
3. LOW COST 16 PIN DIP PACKAGE.
4. INTEGRATED 10/100 BASE-T TRANSMIT & RECEIVE ISOLATION & EMI FILTER.

B.ELECTRICAL SPECIFICATIONS@25°C:

1. ISOLATION HI-POT: 1500 VRMS (PRI./SEC.)
2. TURN RATIO (+/- 5%) : TX=1CT: 1CT , RX=1CT: 1CT
3. T INDUCTANCE (uH) : TX & RX=550(MIN)
4. LEAKAGE INSUCTANCE (.uH): TX & RX=0.5(NORMAL)
5. CW/W (PF): TX & RX=30 (MAX)
6. DC RESISTANCE (Ω): TX & RX=1.0 (MAX)
7. RETURN LOSS 1-80 MHz: TX& RX=-10 dB (MIN)
8. TWT INSERTION@6MHz-9MHz (dB MAX): -4.0
9. TWT ATTENUATION (dB): 1.0 MHz 27MHz
 -65 (MIN) -47 (MIN)
 -70 (NORMAL) -55 (NORMAL)
10. TWT RETURN LOSS: 6.0-9.0 MHz (dB): -9.5 (MIN)

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

