



# 10 BASE T Filter SIP type



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Model No.:BTF-434

Specifications: At 25 degree C.

- 1.Insertion Loss(1 to 10MHz):-1.0dB max.
- 2.Return Loss:-15dB min, from 5 to 10 MHz.
- 3.Cut-Off Frequency, -3dB(Reference at 8MHz): 17MHz+/-1MHz.
- 4.Attenuation:

Frequency	20	25	30	40	MHz
Transmitter	7	19	32	35	dB
Receiver	6	14	20	31	dB

- 5.Group Delay:2ns max.
- 6.Cross Talk(1-10MHz):-30dB min.
- 7.Isolation Voltage for 1 minute: 1,500Vrms.

### Common Choke Electrical Specifications:

- 1.Primary Inductance:18-36uH min.
- 2.Leakage Inductance:0.3uH max.
- 3.Primary Capacitance(C<sub>ww</sub>):25pf max.
- 4.Turn Ratio: 1:1:1:1

Dimension: inch(mm) +/-0.25(0.010)

Schematics:

