

10 BASE T LOW PASS FILTER COMBINE WITH COMMON CHOKE

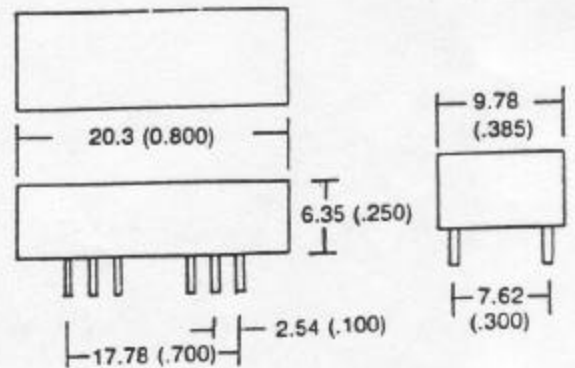
MODEL NO. 2F16-01C

FILTER ELECTRICAL SPECIFICATIONS:

1. INSERTION LOSS (1-10MHz): TRANSMITTER 1.0dB max., RECEIVER 1.0dB max.
2. RETURN LOSS (5MHz): 15dB min.
3. CROSSTALK (1-10MHz): 30dB mi
4. GROUP DELAY CHANGE: 2.0ns. max.
5. HI-POT TEST: 2,000Vrms.
6. TYPE: 7 POLE TRANSMITTER, 5 POLE RECEIVER.
7. CUT-OFF FREQUENCY: 17MHz \pm .70MHz.
8. ATTENUATION:
 - 20MHz: TRANSMITTER: 7dB min., RECEIVER: 6dB min.
 - 25MHz: TRANSMITTER: 19dB min., RECEIVER: 14dB min.
 - 30MHz: TRANSMITTER: 32dB min., RECEIVER: 20dB min.
 - 40MHz: TRANSMITTER: 35dB min., RECEIVER: 31dB min.

COMMON CHOKE ELECTRICAL SPECIFICATIONS:

1. TURN RATIO: 1:1:1:1
2. PRIMARY INDUCTANCE (Lp): 18-36 μ H. min.
3. LEAKAGE INDUCTANCE (LL): 0.3 μ H. max.
4. PRIMARY CAPACITANCE (Cww): 25pf. max.



SCHEMATIC:

