

# Low Pass Filters

3 Pole & 7 Pole / 50  $\Omega$  & 100  $\Omega$

Equal Termination, Butterworth Type

For Analog, Video and  
Communication signals

FCC & VDE EMI Filtering

10BaseT & Lan Applications

## Custom Designs Available

Cut-off Frequencies from  
500 KHz to 500 MHz

Impedances from 50  $\Omega$  to 400  $\Omega$

Filter Types include:

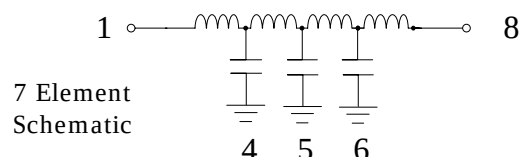
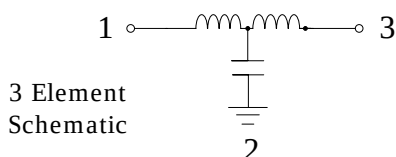
Low Pass      High Pass  
Band Pass      Band Rejection

Alignments include:

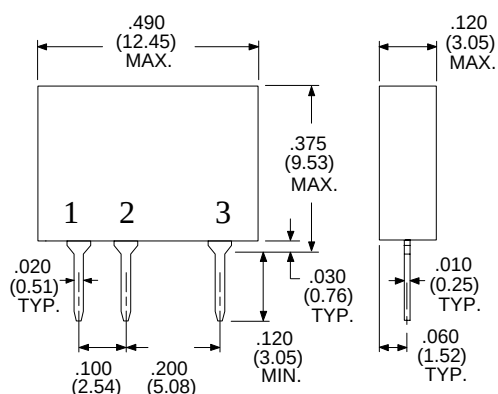
Butterworth      Chebyshev  
Bessel              Elliptical

Electrical Specifications at 25°C

| Part Number | Impedance (Ohms) | Cut-Off Freq. (MHz) | Insertion Loss (dB) | Order <i>n</i> | Package Type |
|-------------|------------------|---------------------|---------------------|----------------|--------------|
| F-3400      | 50               | 0.5                 | 0.3                 | 3              | SIL2         |
| F-3401      | 50               | 1.0                 | 0.3                 | 3              | SIL2         |
| F-3402      | 50               | 2.5                 | 0.3                 | 3              | SIL2         |
| F-3403      | 50               | 5.0                 | 0.3                 | 3              | SIL2         |
| F-3404      | 50               | 10.0                | 0.3                 | 3              | SIL2         |
| F-3405      | 50               | 50.0                | 0.3                 | 3              | SIL2         |
| F-3406      | 50               | 100                 | 0.3                 | 3              | SIL2         |
| F-3407      | 50               | 0.5                 | 0.3                 | 7              | 5-Pin SIP    |
| F-3408      | 50               | 1.0                 | 0.3                 | 7              | 5-Pin SIP    |
| F-3409      | 50               | 2.5                 | 0.3                 | 7              | 5-Pin SIP    |
| F-3410      | 50               | 5.0                 | 0.3                 | 7              | 5-Pin SIP    |
| F-3411      | 50               | 10.0                | 0.3                 | 7              | 5-Pin SIP    |
| F-3412      | 50               | 50.0                | 0.3                 | 7              | 5-Pin SIP    |
| F-3413      | 50               | 100                 | 0.3                 | 7              | 5-Pin SIP    |
| F-3414      | 100              | 0.5                 | 0.3                 | 3              | SIL2         |
| F-3415      | 100              | 1.0                 | 0.3                 | 3              | SIL2         |
| F-3416      | 100              | 2.5                 | 0.3                 | 3              | SIL2         |
| F-3417      | 100              | 5.0                 | 0.3                 | 3              | SIL2         |
| F-3418      | 100              | 10.0                | 0.3                 | 3              | SIL2         |
| F-3419      | 100              | 50.0                | 0.3                 | 3              | SIL2         |
| F-3420      | 100              | 100                 | 0.3                 | 3              | SIL2         |
| F-3421      | 100              | 0.5                 | 0.3                 | 7              | 5-Pin SIP    |
| F-3422      | 100              | 1.0                 | 0.3                 | 7              | 5-Pin SIP    |
| F-3423      | 100              | 2.5                 | 0.3                 | 7              | 5-Pin SIP    |
| F-3424      | 100              | 5.0                 | 0.3                 | 7              | 5-Pin SIP    |
| F-3425      | 100              | 10.0                | 0.3                 | 7              | 5-Pin SIP    |
| F-3426      | 100              | 50.0                | 0.3                 | 7              | 5-Pin SIP    |
| F-3427      | 100              | 100                 | 0.3                 | 7              | 5-Pin SIP    |



"SIL2" PACKAGE  
(3 Pole)



Dimensions in  
inches (mm)

5-Pin SIP Package  
(7 Pole)

