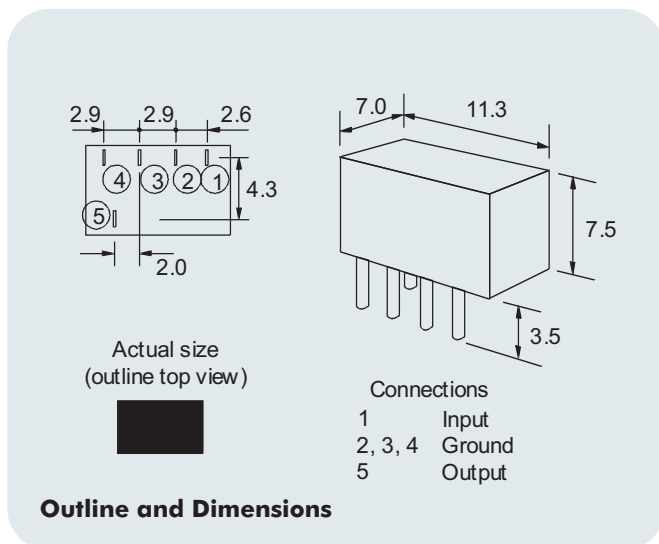


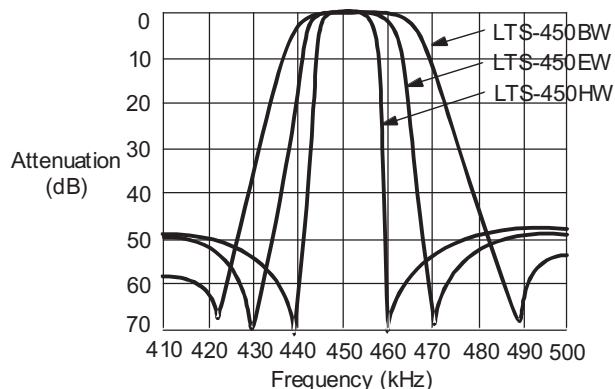
- High selectivity type ceramic filters
- A variety of bandwidths available
- Easily mounted to PCB
- Miniature size

## 6 Element

### SPECIFICATION



### Frequency v. Attenuation Characteristics



### ELECTRICAL CHARACTERISTICS

| Part Number | Centre Frequency (kHz) | Insertion Loss (dB max.) | Pass Band Ripple (dB max.) | 6dB Bandwidth (kHz min.) | 50dB Bandwidth (kHz min.) | Stop Band Att. $\pm 100$ kHz (dB min.) | Input/Output Impedance ( $\Omega$ ) |
|-------------|------------------------|--------------------------|----------------------------|--------------------------|---------------------------|--|-------------------------------------|
| LTS 450BW   | 450 $\pm$ 2            | 4                        | 2                          | $\pm 15$                 | $\pm 30$                  | 45                                     | 1500                                |
| LTS 450CW   | 450 $\pm$ 2            | 4                        | 2                          | $\pm 12.5$               | $\pm 24$                  | 45                                     | 1500                                |
| LTS 450DW   | 450 $\pm$ 1.5          | 4                        | 2                          | $\pm 10$                 | $\pm 20$                  | 45                                     | 1500                                |
| LTS 450EW   | 450 $\pm$ 1.5          | 6                        | 2                          | $\pm 7.5$                | $\pm 15$                  | 45                                     | 1500                                |
| LTS 450FW   | 450 $\pm$ 1.5          | 6                        | 2                          | $\pm 6$                  | $\pm 12.5$                | 45                                     | 2000                                |
| LTS 450GW   | 450 $\pm$ 1.5          | 6                        | 2                          | $\pm 4.5$                | $\pm 10$                  | 45                                     | 2000                                |
| LTS 450HW   | 450 $\pm$ 1.0          | 6                        | 2                          | $\pm 3$                  | $\pm 9$                   | 45                                     | 2000                                |
| LTS 450IW   | 450 $\pm$ 1.0          | 6                        | 2                          | $\pm 2$                  | $\pm 7.5$                 | 45                                     | 2000                                |
| LTS 450HTW  | 450 $\pm$ 1.0          | 6                        | 2                          | $\pm 3$                  | $\pm 9$                   | 60                                     | 2000                                |
| LTS 450ITW  | 450 $\pm$ 1.0          | 6                        | 2                          | $\pm 2$                  | $\pm 7.5$                 | 60                                     | 2000                                |

### TEST CIRCUIT

