



# SHOULDER ELECTRONICS LIMITED

## BANDPASS FILTER FOR DBS SYSTEM

| Type     | Center Frequency (MHz) | Insertion Loss (dB) | Passband Width (MHz) |         | Spurious Response(dB) |       | Package | Overseas Type | <div>SAMPLE<br/>DIMENSIONS<br/>TEST CIRCUIT</div> |
|----------|------------------------|---------------------|----------------------|---------|-----------------------|-------|---------|---------------|---------------------------------------------------|
|          |                        |                     | ±0f-1dB              | ±0f-3dB | Lower                 | Upper |         |               |                                                   |
| HDF480-1 | 480                    | 17.6                | -                    | 17.6    | 38                    | 38    | TO39A   | B694          |                                                   |
| HDF480-2 | 480                    | 21.0                | 23.0                 | 27.0    | 36                    | 34    | TO39B   | B611          |                                                   |
|          |                        | 20.4                | 13.0                 | 18.0    | 36                    | 34    |         |               |                                                   |
| HDF480-3 | 480                    | 20.0                | -                    | 26.6    | 40                    | 38    | TO39A   | B684          |                                                   |

[SAMPLE DIMENSIONS](#)  
[TEST CIRCUIT](#)

ii



[\[ Home | About SDE | Request Info | Saw Filter | Saw Resonator | Ceramic Resonator | Ceramic Discriminator |](#)  
[Ceramic Filter1 | Ceramic Filter2 | Ceramic Trap | Crystal Unit | Clock Oscillator | Dielectric Filter | Dielectric Resonator\]](#)

Copyright 2001 by Shoulder Electronics Limited  
 Contact Us: Tel: 86-755-2979884 Fax:86-755-2979885  
 Questions or comments: [info@china-shoulder.com](mailto:info@china-shoulder.com)