



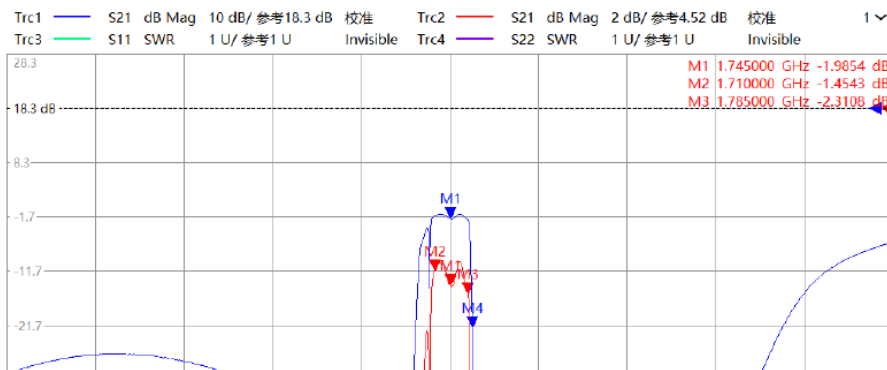
## Specification – SMT SAW Filter

|           |                  |                             |
|-----------|------------------|-----------------------------|
| Customer: | Date: 2026-09-17 | Part No.: NX-BPF-1745-75-50 |
|-----------|------------------|-----------------------------|

### Electrical Specification

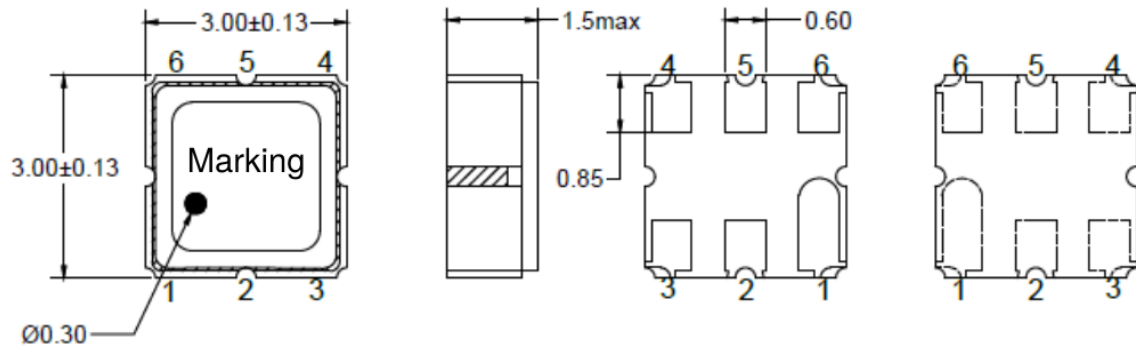
| No. | Parameter                       | Specification                                        |
|-----|---------------------------------|------------------------------------------------------|
| 1   | Construction                    | SAW (Surface Acoustic Wave)                          |
| 2   | Center Frequency                | 1745 MHz                                             |
| 3   | Pass Band                       | 1710 – 1785 MHz (BW 75 MHz)                          |
| 4   | Insertion Loss (1710-1785MHz)   | typ. 1.0 dB, max. 3.0 dB                             |
| 5   | Amplitude Ripple (1710-1785MHz) | typ. 0.5 dB, max. 1.5 dB                             |
| 6   | VSWR (1710-1785MHz)             | typ. 1.2, max. 2.0                                   |
| 7   | Attenuation                     | ≥50dB typ (1559-1610MHz)<br>≥45dB typ (1805-1880MHz) |
| 8   | RF Input Power (max)            | Not specified by manufacturer (TBD)                  |
| 9   | DC Voltage                      | Not applicable (no DC path)                          |
| 10  | Impedance                       | 50 Ω                                                 |
| 11  | Operating / Storage Temp.       | -40 ~ +85 °C                                         |

### Frequency Response





■ Outline Drawing [Unit: mm] — Package: SMT SAW, 3.0x3.0mm (6-pad)



■ Pin Configuration

| Pin No.    | Description |
|------------|-------------|
| 2          | Input       |
| 5          | Output      |
| 1, 3, 4, 6 | Ground      |