



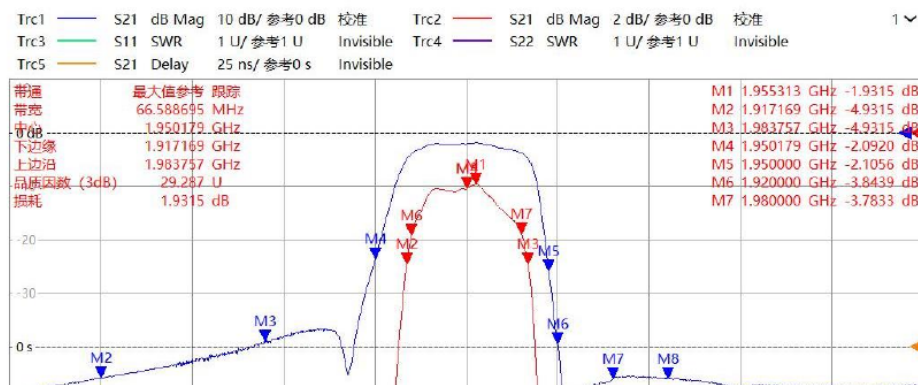
## Specification – SMT SAW Filter

|           |                  |                             |
|-----------|------------------|-----------------------------|
| Customer: | Date: 2026-09-17 | Part No.: NX-BPF-1950-60-46 |
|-----------|------------------|-----------------------------|

### Electrical Specification

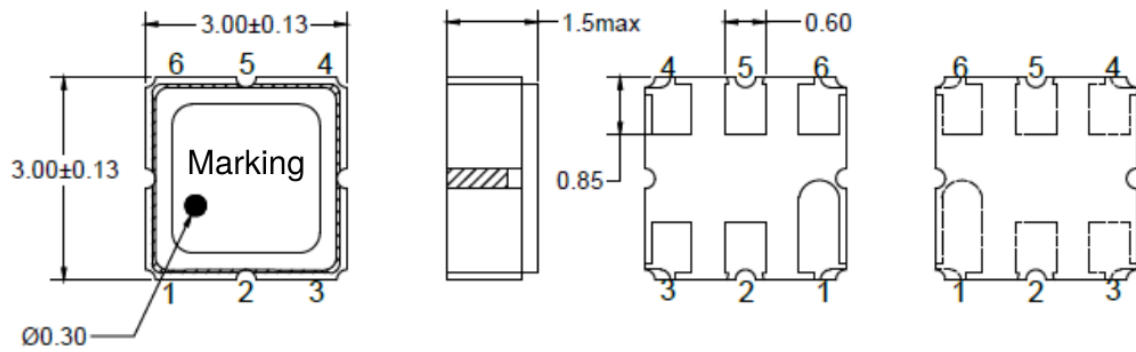
| No. | Parameter                          | Specification                                      |
|-----|------------------------------------|----------------------------------------------------|
| 1   | Construction                       | SAW (Surface Acoustic Wave)                        |
| 2   | Center Frequency                   | 1950 MHz                                           |
| 3   | Pass Band                          | 1920 – 1980 MHz (BW 60 MHz)                        |
| 4   | Insertion Loss (1920-1980MHz)      | typ. 2.6 dB, max. 4.5 dB                           |
| 5   | Amplitude Ripple (1920-1980MHz)    | typ. 1.0 dB, max. 2.5 dB                           |
| 6   | Group Delay Ripple (1920-1980MHz)  | typ. 10 ns, max. 25 ns                             |
| 7   | Relative Attenuation               | ≥46dB typ (2030-2060MHz)<br>≥42dB typ (DC-1750MHz) |
| 8   | Input / Output VSWR (1920-1980MHz) | typ. 1.8, max. 2.0                                 |
| 9   | RF Input Power (max)               | 10 dBm                                             |
| 10  | DC Voltage (max)                   | 3 V                                                |
| 11  | Impedance                          | 50 Ω                                               |
| 12  | Operating Temp.                    | -40 ~ +85 °C (Storage: -55 ~ +125 °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      |