



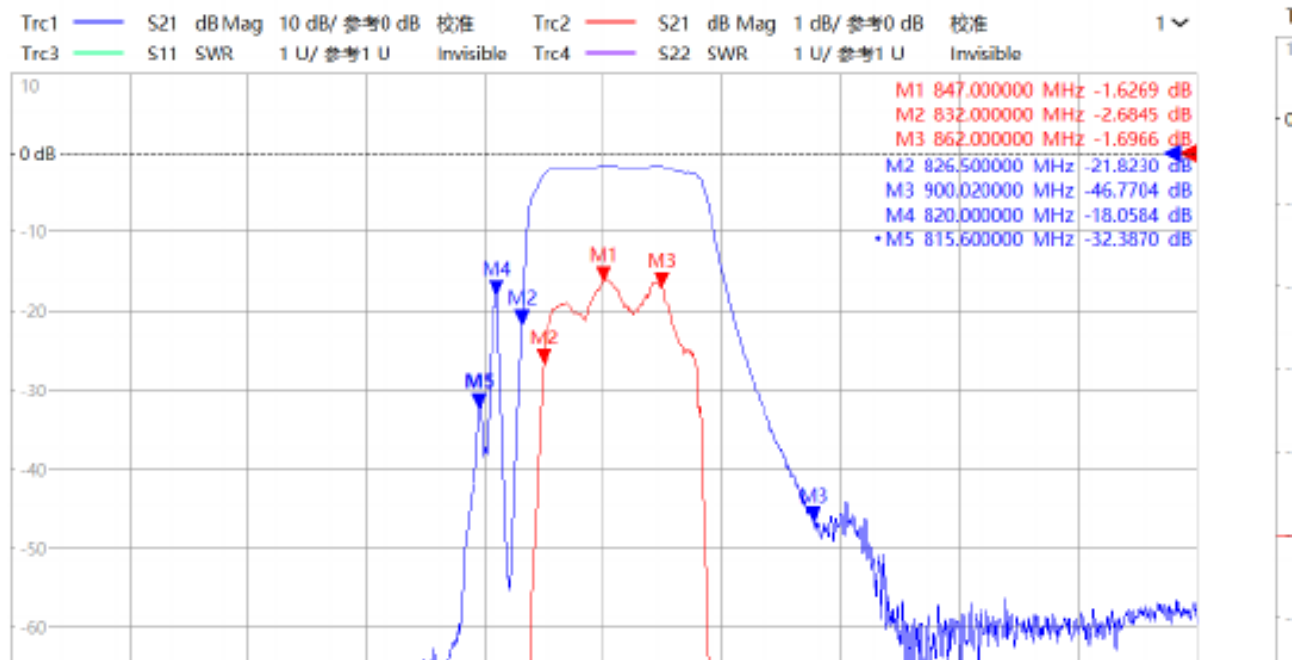
## Specification – SMT SAW Filter

|           |                  |                            |
|-----------|------------------|----------------------------|
| Customer: | Date: 2026-09-17 | Part No.: NX-BPF-847-30-55 |
|-----------|------------------|----------------------------|

### Electrical Specification

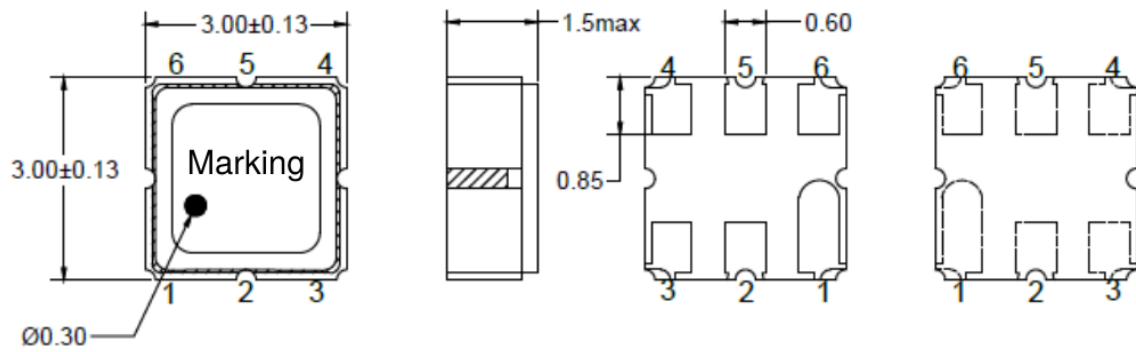
| No. | Parameter                     | Specification                                     |
|-----|-------------------------------|---------------------------------------------------|
| 1   | Construction                  | SAW (Surface Acoustic Wave)                       |
| 2   | Center Frequency              | 847 MHz                                           |
| 3   | Pass Band                     | 832 – 862 MHz (BW 30 MHz)                         |
| 4   | Insertion Loss (832-862MHz)   | typ. 2.0 dB, max. 3.5 dB                          |
| 5   | Amplitude Ripple (832-862MHz) | typ. 1.0 dB, max. 2.0 dB                          |
| 6   | VSWR (832-862MHz)             | typ. 1.6, max. 2.3                                |
| 7   | Attenuation                   | ≥55dB typ (DC-400MHz)<br>≥45dB typ (1000-1500MHz) |
| 8   | RF Input Power (max)          | 10 dBm                                            |
| 9   | DC Voltage (max)              | 10 V                                              |
| 10  | Impedance                     | 50 Ω                                              |
| 11  | Operating Temp.               | -40 ~ +85 °C (Storage: -40 ~ +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      |