

**Pb Free**

**RoHS Compliant**

**Features**

- SAW filter for mobile phones accessible to terrestrial digital TV
- Low loss characteristics in the terrestrial digital TV video signal band
- High attenuation characteristics in the mobile phone signal (TX)
- Unnecessary external matching elements
- Miniature size and light weight

**How to Order**

SL 2525 E 770M 830 D 10 T A 1  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

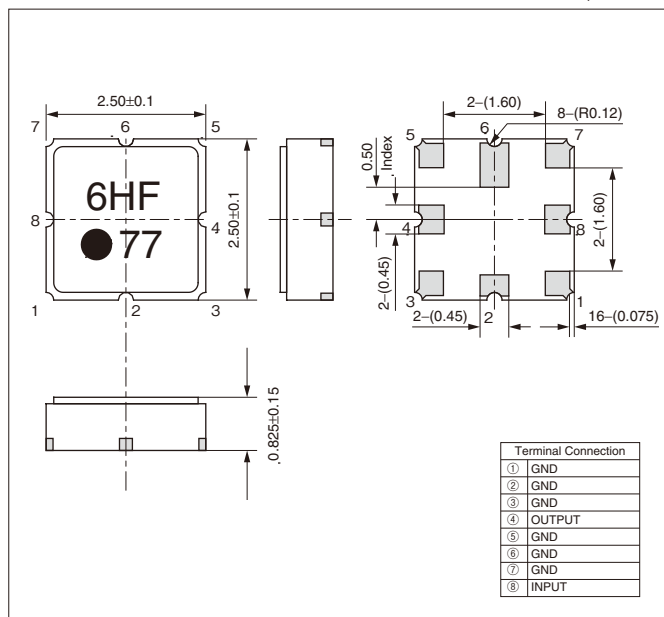
- ① Type of Product (SAW Filter)
- ② Package Size (2.5×2.5mm)
- ③ Sealing Type (Au-Sn seal Type)
- ④ Upper frequency of passband (770MHz)
- ⑤ Lower frequency of attenuation band (830MHz)
- ⑥ Number of attenuation poles (2)
- ⑦ Attenuation bandwidth (10MHz)
- ⑧ Material (LiTaO<sub>3</sub>)
- ⑨ Customer Special Model Suffix 1
- ⑩ Customer Special Model Suffix 2

**Specifications**

| Type                        | SL2525E770M830D10TA1 (For W-CDMA) |                 |                | SL2525E770M898D27WA0 (For cdma2000) |                 |                |
|-----------------------------|-----------------------------------|-----------------|----------------|-------------------------------------|-----------------|----------------|
| Item                        | Unit                              | Conditions      | Specifications | Unit                                | Conditions      | Specifications |
| Operating Temperature Range | °C                                | —               | -20 to +85     | °C                                  | —               | -20 to +85     |
| Storage Temperature Range   | °C                                | —               | -40 to +85     | °C                                  | —               | -40 to +85     |
| Insertion loss              | dB                                | 470 to 710MHz   | 1.8 max.       | dB                                  | 470 to 710MHz   | 1.9 max.       |
|                             |                                   | 710 to 770MHz   | 2.6 max.       |                                     | 710 to 770MHz   | 2.9 max.       |
| Attenuation                 | dB                                | 830 to 840MHz   | 40 min.        | dB                                  | 898 to 925MHz   | 40 min.        |
|                             |                                   | 1920 to 1980MHz | 50 min.        |                                     | 1920 to 1940MHz | 45 min.        |
| Return loss [S11]           | dB                                | 470 to 770MHz   | 13 min.        | dB                                  | 470 to 770MHz   | 13 min.        |

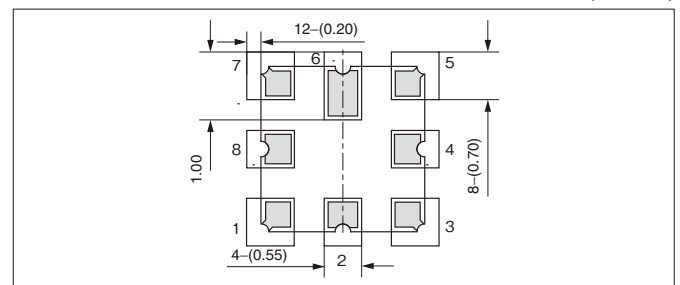
**Dimensions**

(Unit: mm)



**Recommended Land Pattern**

(Unit: mm)



**Test Circuit**

