



# SAW Filters

SAW Filter for mobile phones accessible to terrestrial digital TV  
 SL2525E770M830D10TA1/ SL2525E770M898D27WA0



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

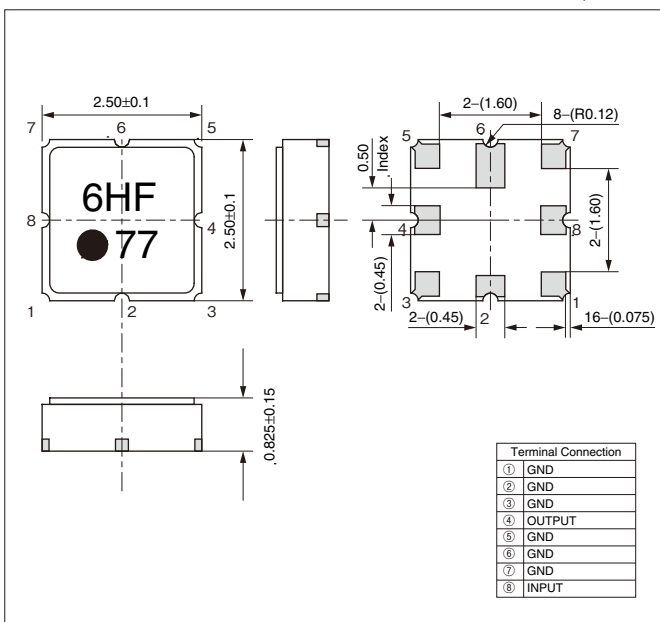
Packaging (Tape & Reel 2000 pcs./ reel)

## 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.

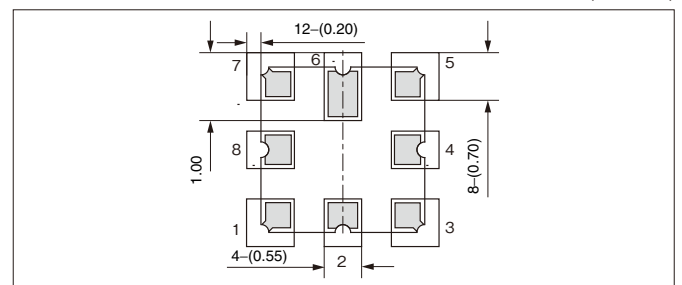
## Dimensions

(Unit: mm)



## Recommended Land Pattern

(Unit: mm)



## Test Circuit

