

Wireless LAN/ Bluetooth® SAW Filter SF14 Series



RoHS Compliant

Features

- Small size
- Low insertion loss
- High power durability
- Hermetic seal

Application

- Wireless LAN/ Bluetooth®

* Bluetooth® Trademarks are owned by Bluetooth SIG Inc.

How to Order

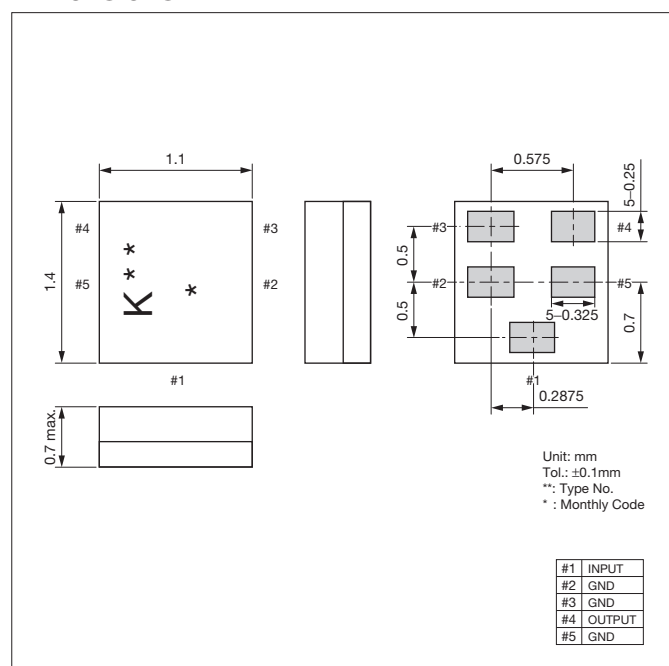
SF 14 - 2446 M 5 UU A3
① ② ③ ④ ⑤ ⑥ ⑦

- ① Type of Product (SAW Filter)
- ② Package Type
- ③ Nominal Center Frequency
- ④ Spec.
- ⑤ Number of Terminals
- ⑥ Input/ Output
- ⑦ Custom Specification

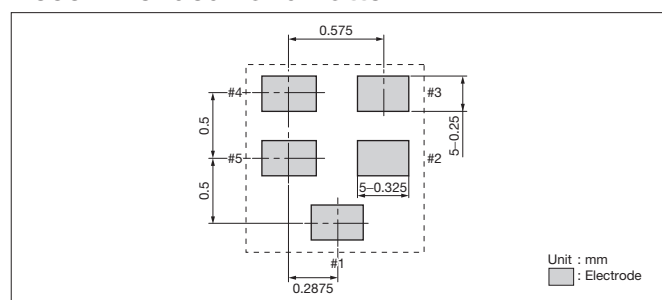
Specifications

Part No.	Output	Application	Pass Band Frequency	Insertion Loss (dB)	Pass Band Variation (dB)	VSWR	Absolute Rejection (dB)						Operating Temperature	Storage Temperature
SF14-2446M5UUA3	Unbalance	W-LAN/ Bluetooth®	2400MHz	2.3 max.	1.4 max.	2.1 max.	869MHz	925MHz	1574MHz	1805MHz	2110MHz	2595MHz	-30 to +85°C	-40 to +85°C
			2493MHz				894MHz	960MHz	1576MHz	1880MHz	2170MHz	2625MHz		
							50 min.	50 min.	38 min.	30 min.	28 min.	30 min.		

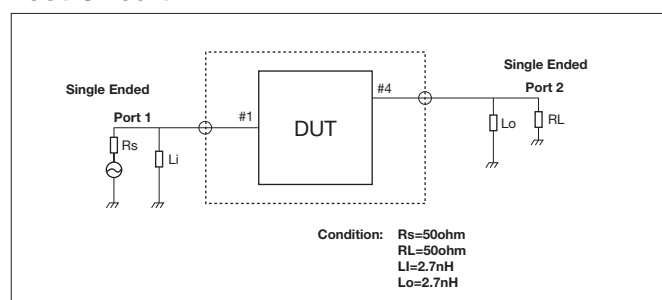
Dimensions



Recommended Land Pattern

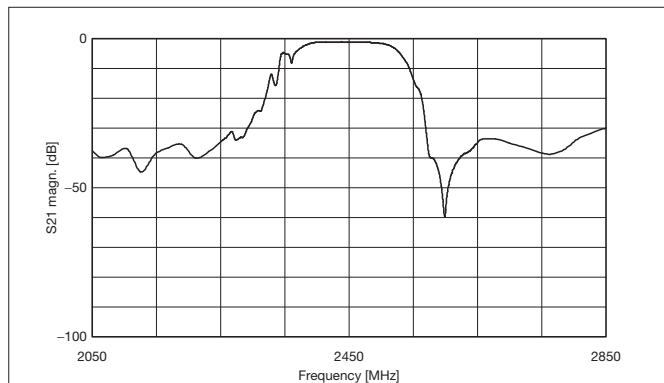


Test Circuit

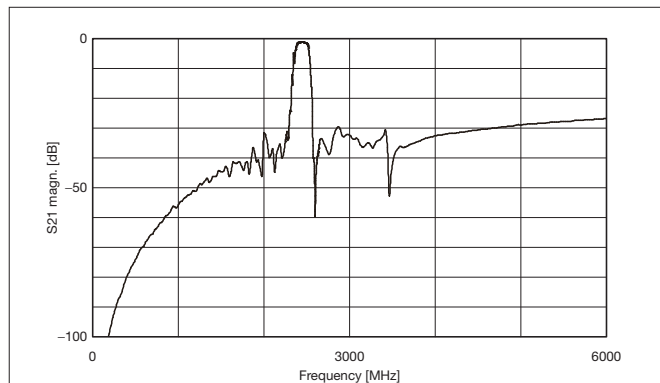


Characteristics

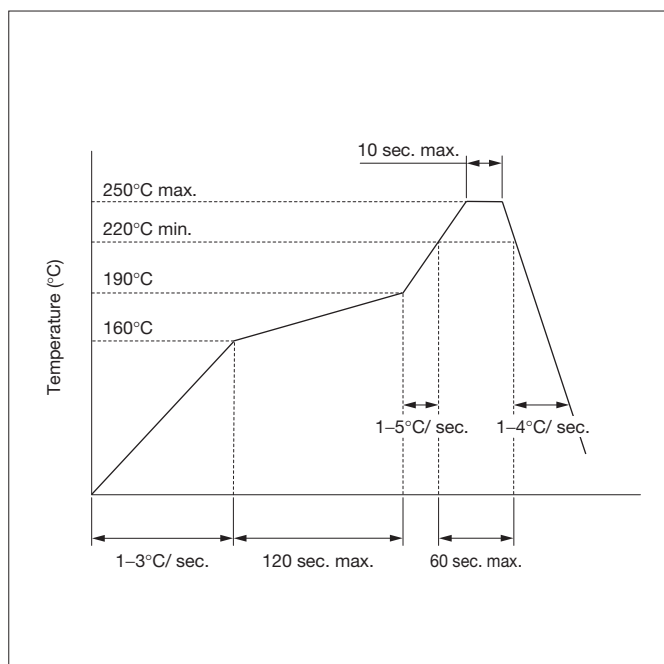
Part No.: SF14-2446M5UUA3



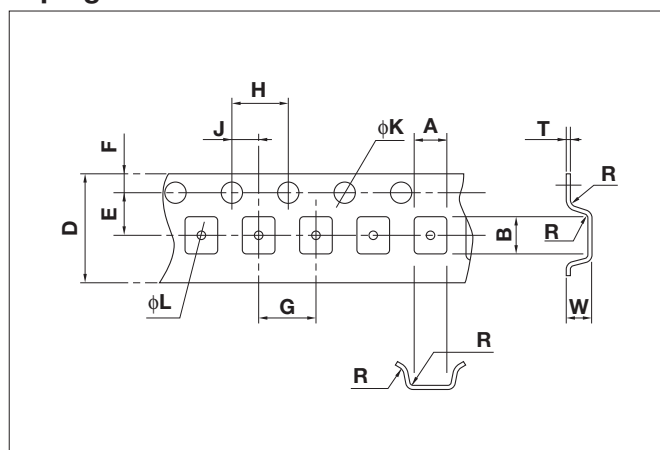
Part No.: SF14-2446M5UUA3



Recommended Reflow Profile



Taping Dimensions



(Unit: mm)

Part	A	B	D	E	F
Dimension	1.4±0.1	1.7±0.1	8.0±0.2	3.5±0.05	1.75±0.1
Part	G	H	J	K	L
Dimension	4.0±0.1	4.0±0.1	2.0±0.05	1.5±0.1	0.5±0.05
Part	R	W	T		
Dimension	0.3 max.	0.8±0.1	0.2±0.05		