



RoHS Compliant

## Features

- Small size
- Low insertion loss
- High selectivity
- Hermetic seal

## Application

- W-CDMA

## How to Order

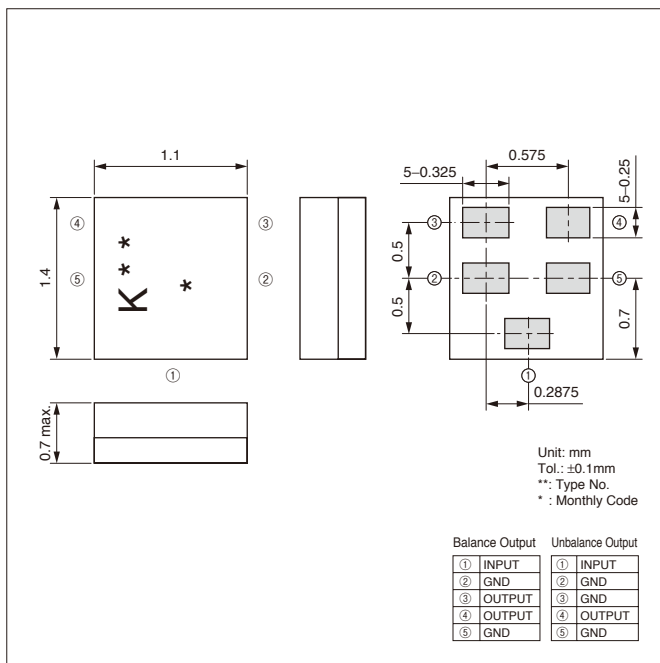
SF 14 - 2140 M 5 UB 00  
① ② ③ ④ ⑤ ⑥ ⑦

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

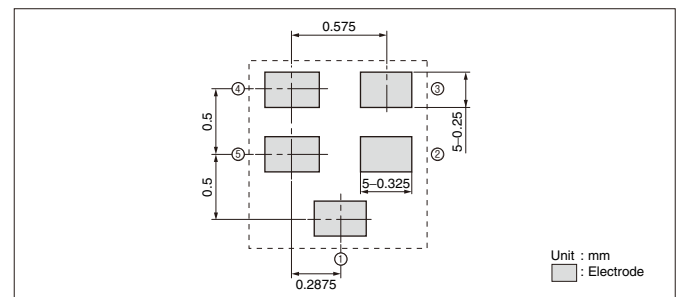
## Specifications

Part No.	Output	Application	Pass Band Frequency	Insertion Loss (dB)	Pass Band Variation (dB)	VSWR	Absolute Rejection (dB)						Operating Temperature	Storage Temperature	
							10MHz	1920MHz	1980MHz	2025MHz	2230MHz	2255MHz			
SF14-2140M5UB00	Balance	Band1 Rx	2110MHz - 2170MHz	2.5 max.	2.0 max.	2.5 max.	10MHz	1920MHz	1980MHz	2025MHz	2230MHz	2255MHz	-30 to +85°C	-40 to +85°C	
							30 min.	35 min.	25 min.	20 min.	20 min.	20 min.			
SF14-1950M5UU00	Unbalance	Band1 Tx	1920MHz - 1980MHz	3.0 max.	2.0 max.	2.3 max.	10MHz	1570MHz	1880MHz	2110MHz	2300MHz	2500MHz	3830MHz	-30 to +85°C	-40 to +85°C
							28 min.	30 min.	35 min.	32 min.	32 min.	28 min.			

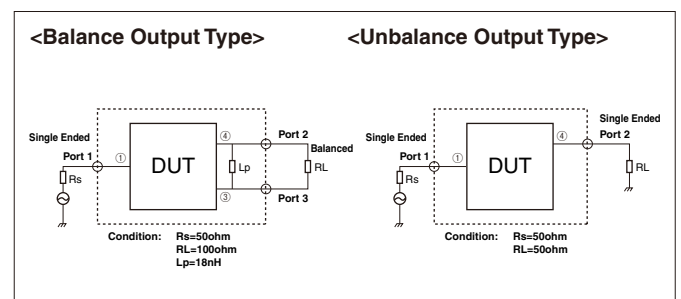
## Dimensions



## Recommended Land Pattern

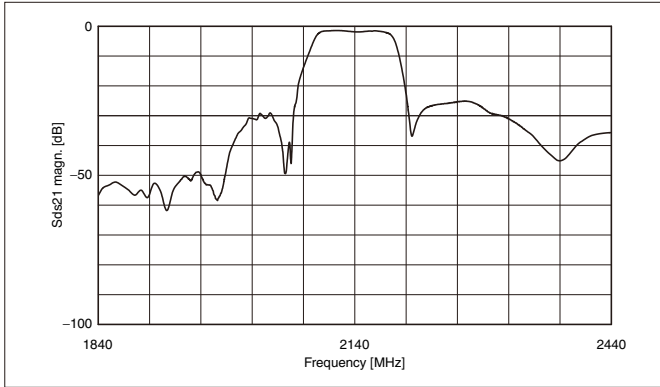


## Test Circuit

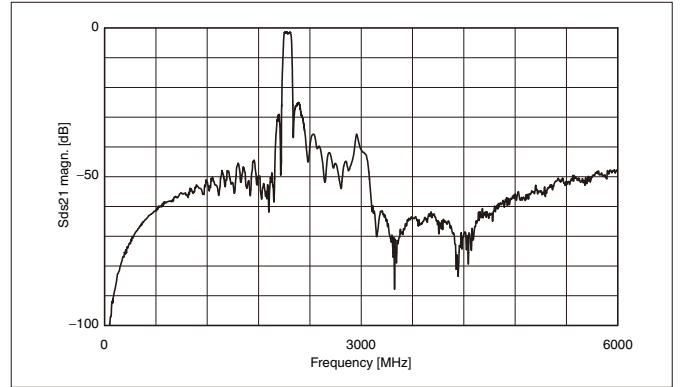


## Characteristics

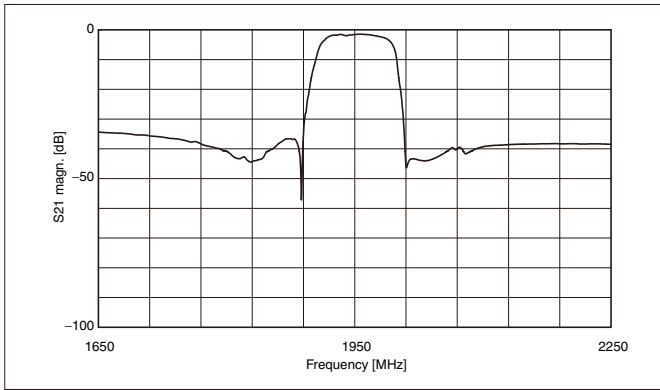
<W-CDMA Rx> Part No.: SF14-2140M5UB00



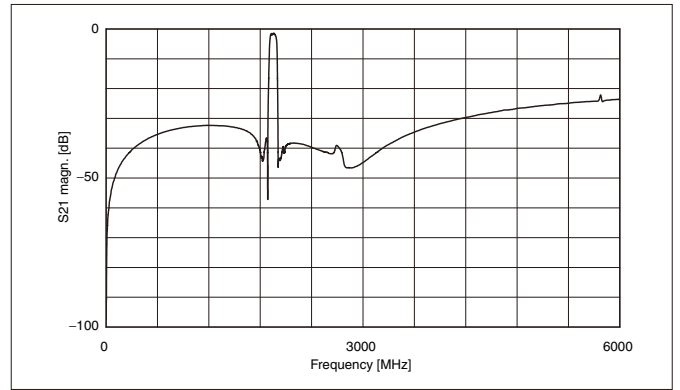
<W-CDMA Rx> Part No.: SF14-2140M5UB00



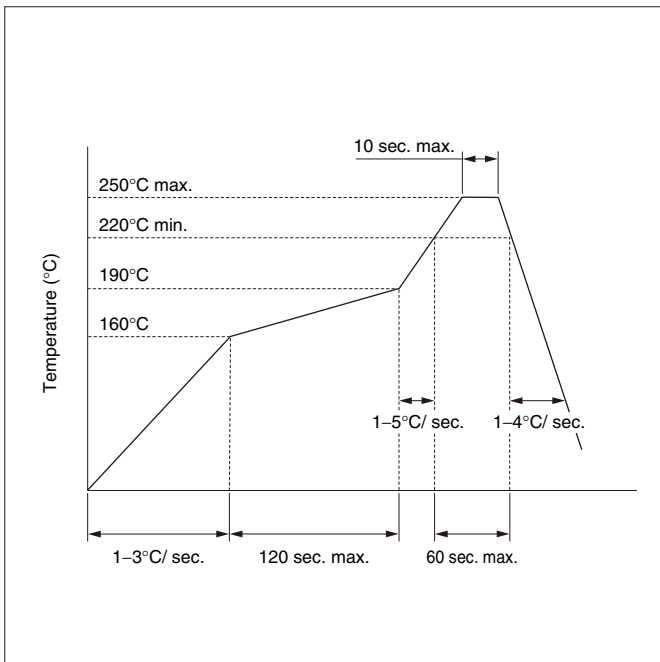
<W-CDMA Tx> Part No.: SF14-1950M5UU00



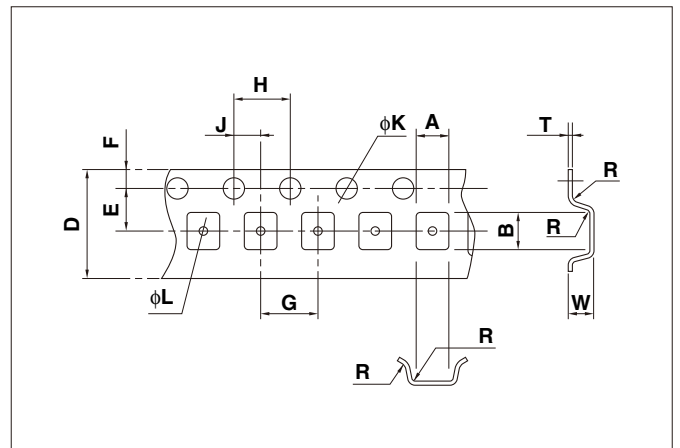
<W-CDMA Tx> Part No.: SF14-1950M5UU00



## 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		