

**Pb Free**

**RoHS Compliant**

**Features**

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

**Application**

- JCDMA

**How to Order**

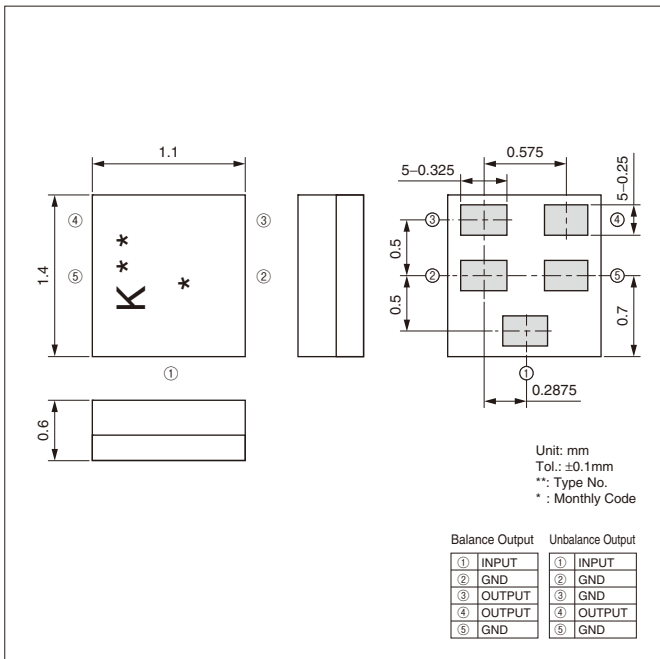
**SF 14 - 0859 M 5 UB 01**  
① ② ③ ④ ⑤ ⑥ ⑦

- 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

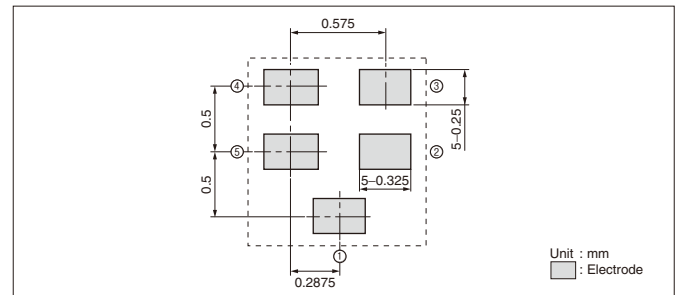
**Specifications**

Part No.	Output	Application	Pass Band Frequency	Insertion Loss (dB)	Pass Band Variation (dB)	VSWR	Absolute Rejection (dB)						Operating Temperature	Storage Temperature
							10MHz	750MHz	824MHz	898MHz	925MHz	3000MHz		
SF14-0859M5UB01	Balance	JCDMA 800MHz Rx Inter-stage	843MHz - 875MHz	3.0 max.	1.5 max.	2.2 max.	10MHz 750MHz	750MHz 815MHz	824MHz 830MHz	898MHz 925MHz	925MHz 3000MHz	—	-30 to +85°C	-40 to +85°C
SF14-0859M5UU01	Unbalance	JCDMA 800MHz Rx TOP	843MHz - 875MHz	2.8 max.	1.5 max.	2.2 max.	10MHz 750MHz	750MHz 815MHz	824MHz 830MHz	898MHz 925MHz	925MHz 3000MHz	1920MHz 1940MHz		
SF14-2120M5UB01	Balance	JCDMA 2GHz Rx Inter-stage	2110MHz - 2130MHz	2.3 max.	1.5 max.	2.3 max.	832MHz 925MHz	925MHz 1500MHz	1884MHz 1920MHz	1920MHz 1940MHz	1940MHz 1980MHz	2200MHz 2250MHz		
SF14-2120M5UU01	Unbalance	JCDMA 2GHz Rx Top	2110MHz - 2130MHz	2.7 max.	1.2 max.	1.9 max.	898MHz 925MHz	925MHz 1500MHz	1920MHz 1920MHz	1920MHz 1980MHz	1980MHz 2025MHz	2400MHz 2484MHz		
SF14-1930M5UU01	Unbalance	JCDMA 2GHz Tx	1920MHz - 1940MHz	2.5 max.	1.5 max.	2.0 max.	10MHz 1570MHz	1574MHz 1576MHz	1580MHz 1770MHz	2110MHz 2130MHz	2130MHz 2170MHz	2170MHz 3600MHz		

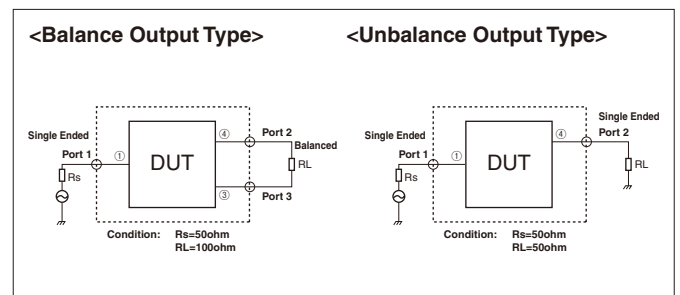
**Dimensions**



**Recommended Land Pattern**

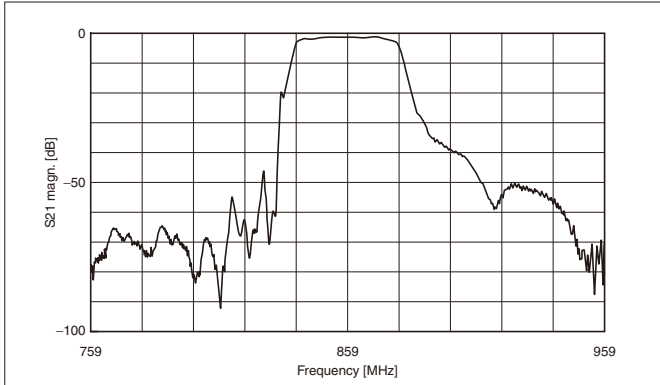


**Test Circuit**

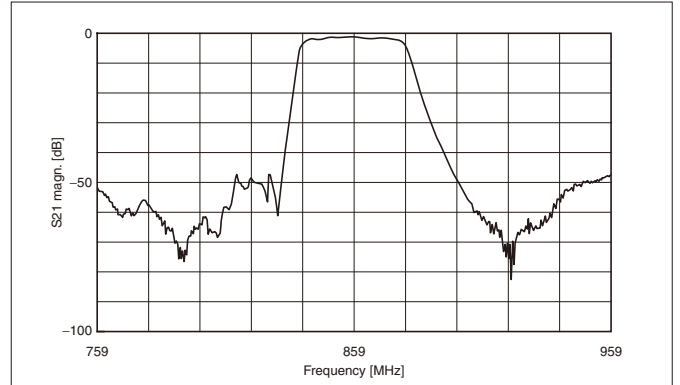


**Characteristics**

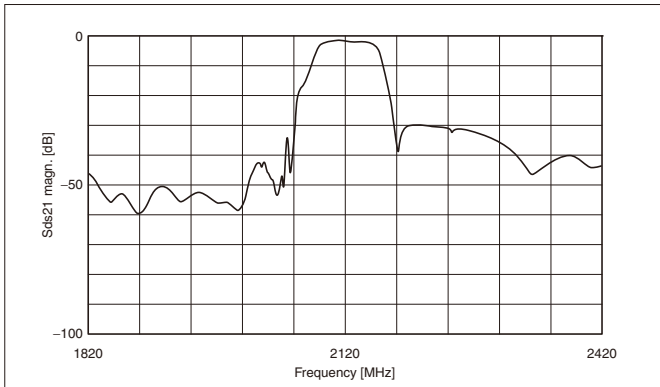
<JCDMA800MHz Rx> Part No.: SF14-0859M5UB01



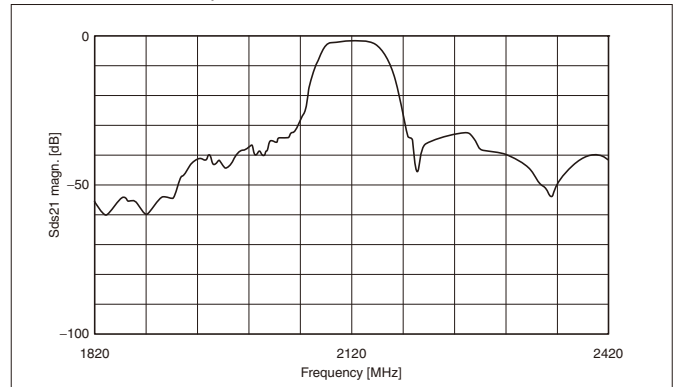
<JCDMA800MHz Rx> Part No.: SF14-0859M5UU01



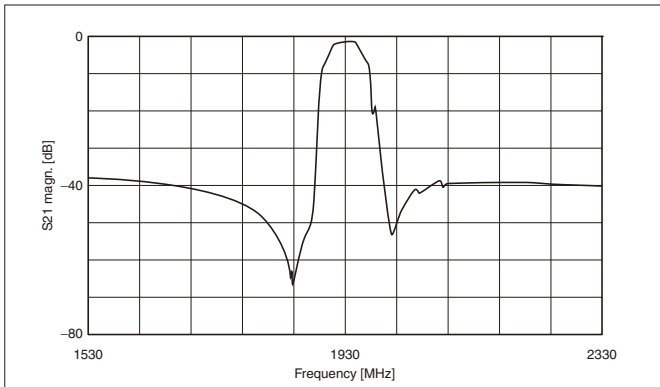
<JCDMA2GHz Rx> Part No.: SF14-2120M5UB01



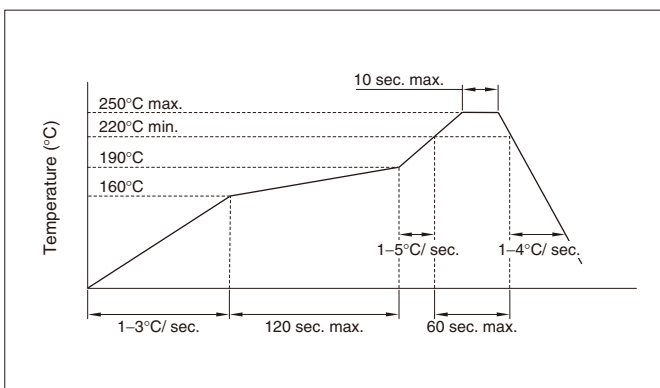
<JCDMA2GHz Rx Top> Part No.: SF14-2120M5UU01



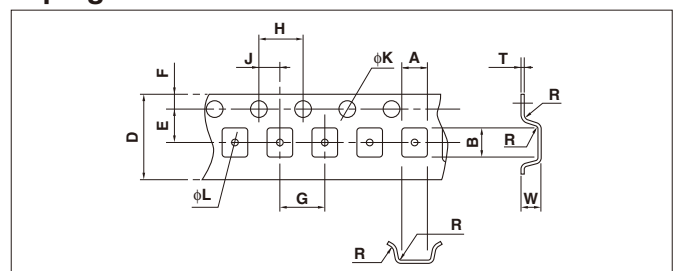
<JCDMA2GHz Tx> Part No.: SF14-1930M5UB01



**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		