

RoHS Compliant

Features

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

Application

- JCDMA

How to Order

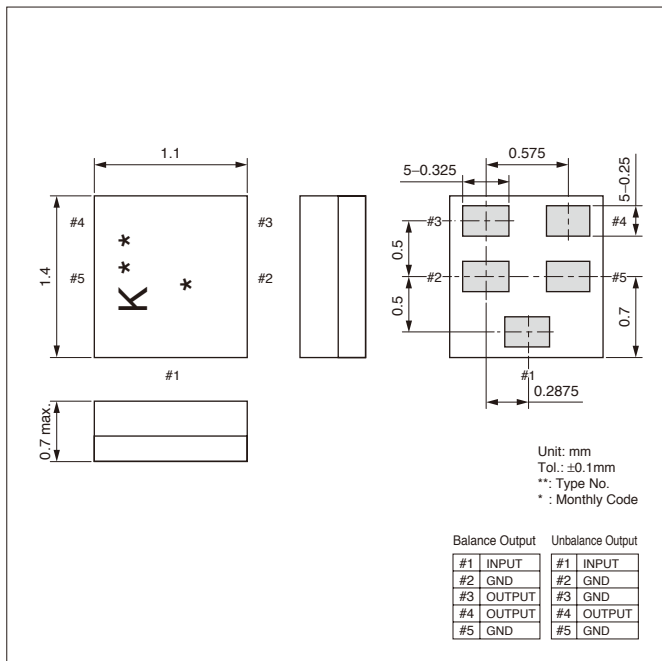
SF 14 - 0859 M 5 UB A1
① ② ③ ④ ⑤ ⑥ ⑦

- 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

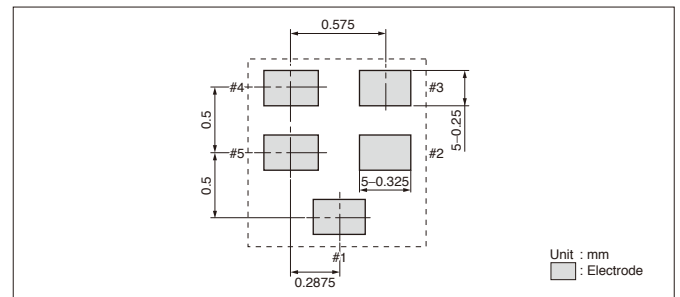
Specifications

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		
SF14-0859M5UBA1	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
SF14-0859M5UUA2	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		
SF14-2120M5UBA1	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		
SF14-2120M5UUA2	Unbalance	JCDMA 2GHz Rx Top	2110MHz - 2130MHz	2.7 max.	1.2 max.	1.9 max.	898MHz 925MHz	925MHz 1500MHz	1500MHz 1920MHz	1920MHz 1980MHz	1980MHz 2025MHz	2400MHz 2484MHz		
SF14-1930M5UU31	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		

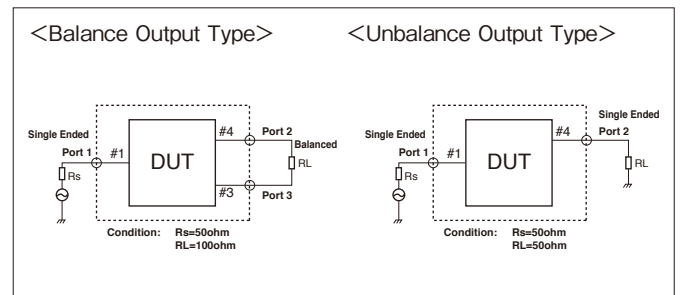
Dimensions



Recommended Land Pattern



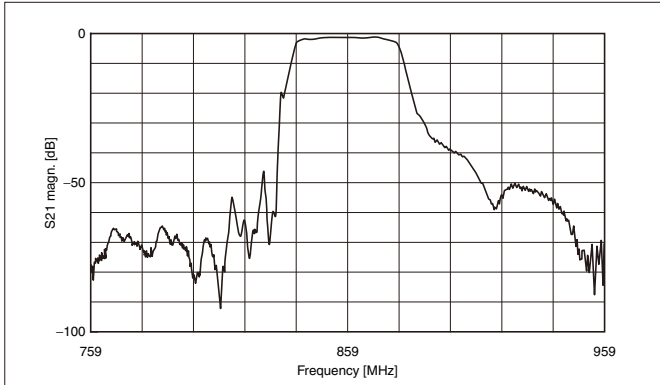
Test Circuit



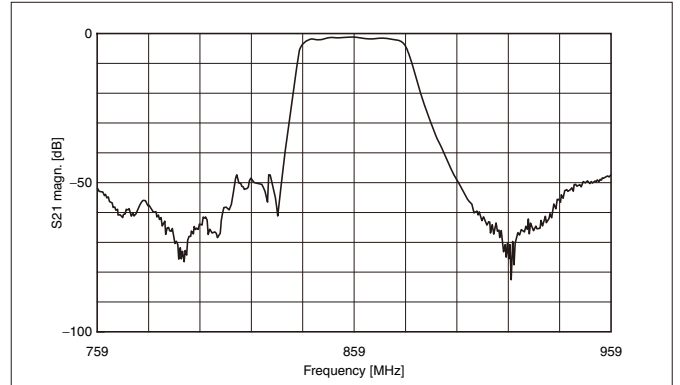


Characteristics

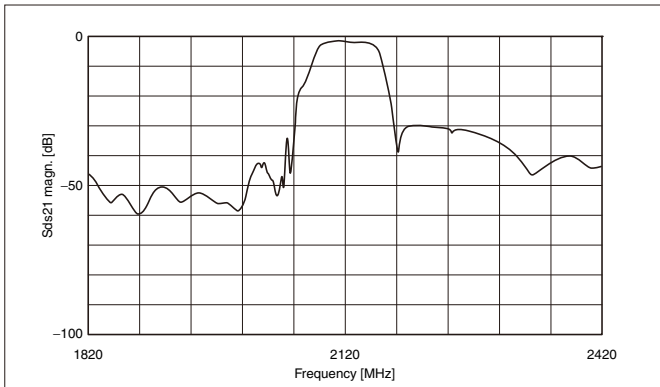
<JCDMA800MHz Rx> Part No.: SF14-0859M5UBA1



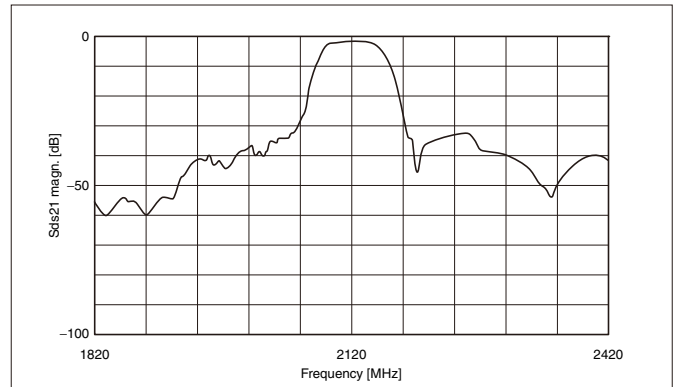
<JCDMA800MHz Rx Top> Part No.: SF14-0859M5UUA2



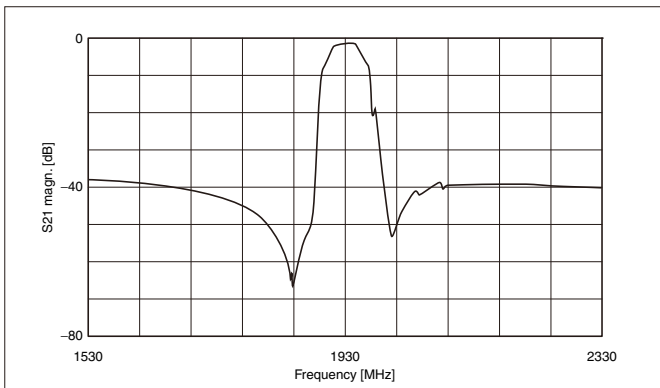
<JCDMA2GHz Rx> Part No.: SF14-2120M5UBA1



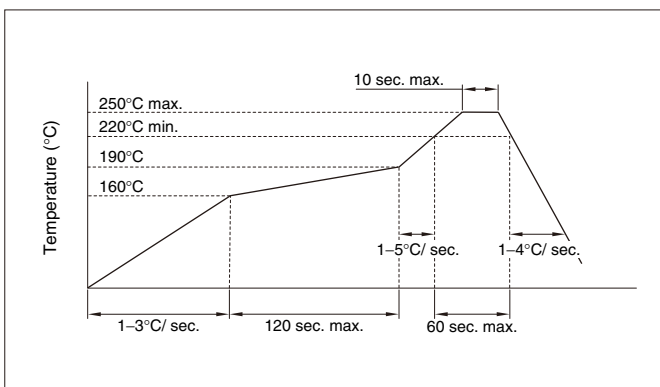
<JCDMA2GHz Rx Top> Part No.: SF14-2120M5UUA2



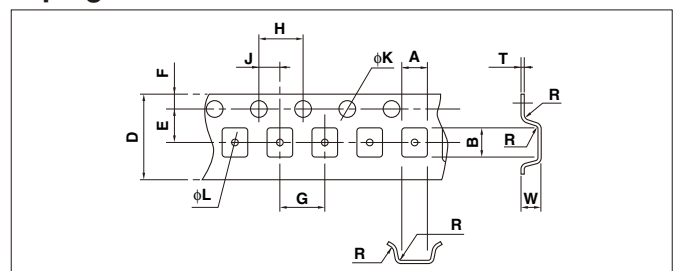
<JCDMA2GHz Tx> Part No.: SF14-1930M5UU31



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		