



Pb Free

RoHS Compliant

Features

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

Application

- CDMA

How to Order

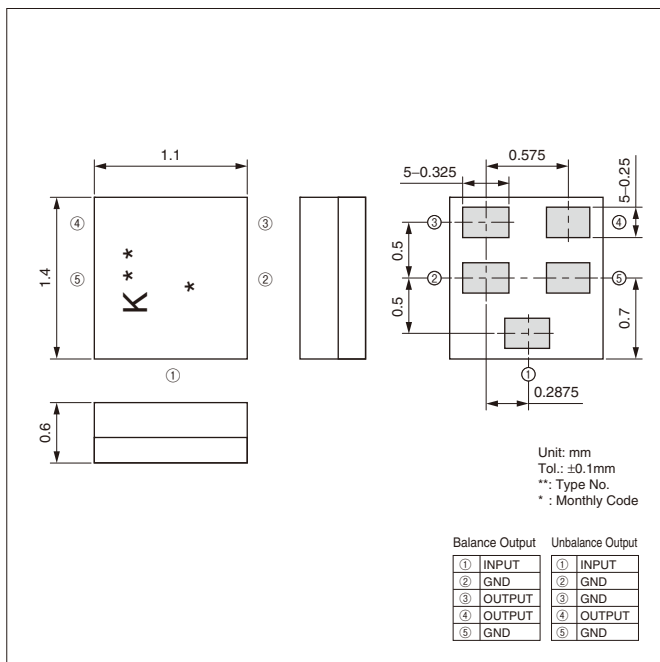
SF 14 - 0881 M 5 UB 00
① ② ③ ④ ⑤ ⑥ ⑦

- 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)

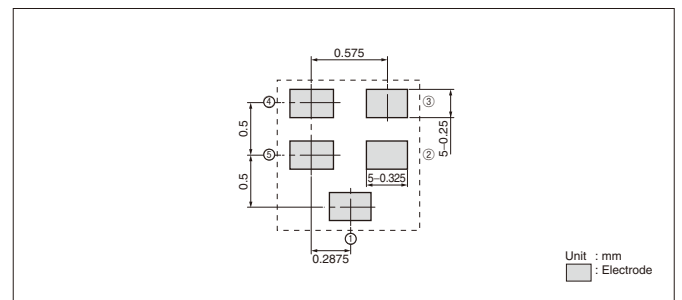
Specifications

Part No.	Output	Application	Pass Band Frequency	Insertion Loss (dB)	Pass Band Variation (dB)	VSWR	Absolute Rejection (dB)						Operating Temperature	Storage Temperature
							10MHz	824MHz	915MHz	960MHz	3000MHz	—		
SF14-0881M5UB00	Balance	CELL Rx	869MHz - 894MHz	2.2 max.	1.5 max.	2.5 max.	10MHz	824MHz	915MHz	960MHz	3000MHz	—	—	
							40 min.	45 min.	23 min.	40 min.	—	—		
SF14-0881M5UU00	Unbalance	CELL Rx	869MHz - 894MHz	2.5 max.	1.5 max.	2.5 max.	10MHz	824MHz	915MHz	960MHz	3000MHz	—	—	
							20 min.	46 min.	20 min.	20 min.	—	—		
SF14-0836M5UU00	Unbalance	CELL Tx	824MHz - 849MHz	2.5 max.	1.5 max.	2.1 max.	10MHz	869MHz	894MHz	1050MHz	1210MHz	1580MHz	—	
							30 min.	40 min.	35 min.	32 min.	30 min.	27 min.	—	
SF14-1960M5UB00	Balance	PCS Rx	1930MHz - 1990MHz	4.1 max.	2.0 max.	2.5 max.	10MHz	1850MHz	2040MHz	2200MHz	3400MHz	6000MHz	—	
							27 min.	15 min.	17 min.	30 min.	30 min.	—	—	
SF14-1960M5UB72	Balance	PCS Rx	1930MHz - 1990MHz	3.3 max.	2.5 max.	2.5 max.	10MHz	1850MHz	2040MHz	2200MHz	3400MHz	6000MHz	—	
							40 min.	24 min.	30 min.	40 min.	40 min.	—	—	
SF14-1960M5UU00	Unbalance	PCS Rx	1930MHz - 1990MHz	3.0 max.	2.0 max.	2.5 max.	10MHz	1850MHz	2040MHz	2200MHz	3400MHz	6000MHz	—	
							20 min.	20 min.	20 min.	20 min.	20 min.	—	—	

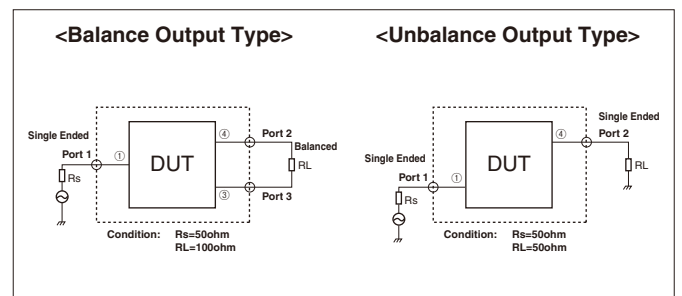
Dimensions



Recommended Land Pattern

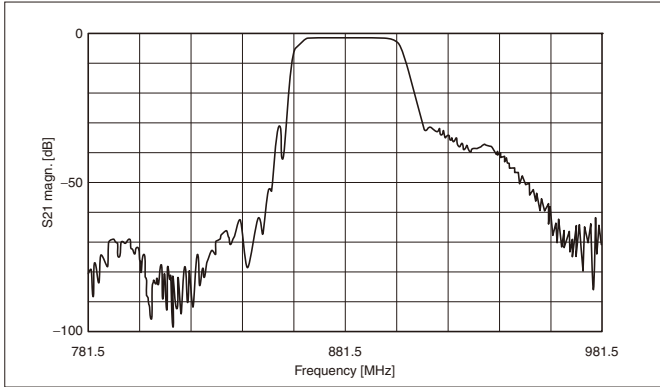


Test Circuit

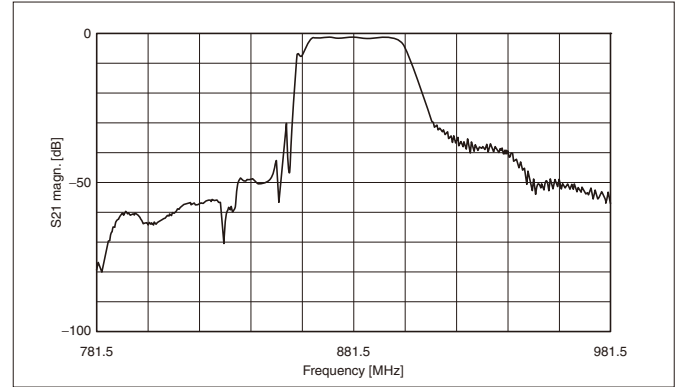


Characteristics

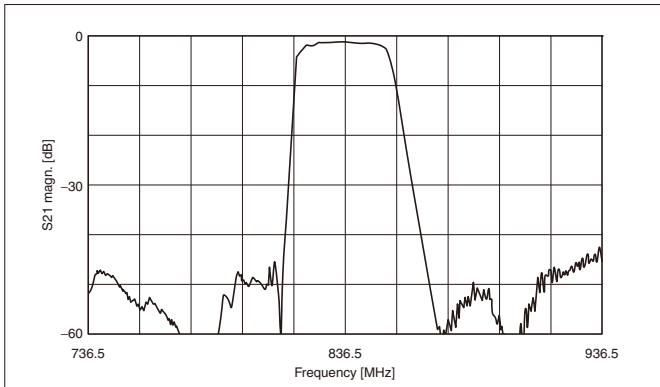
<CELL Rx> Part No.: SF14-0881M5UB00



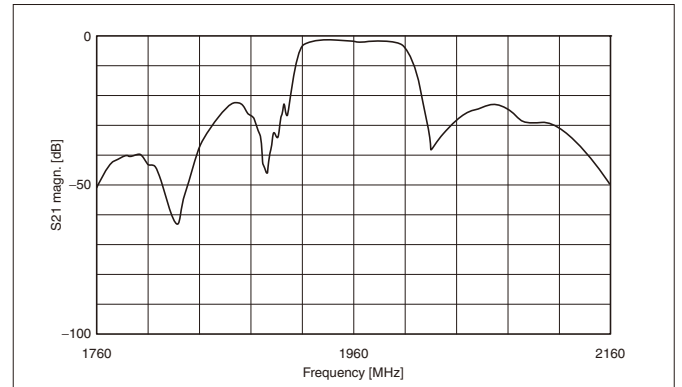
<CELL Rx> Part No.: SF14-0881M5UU00



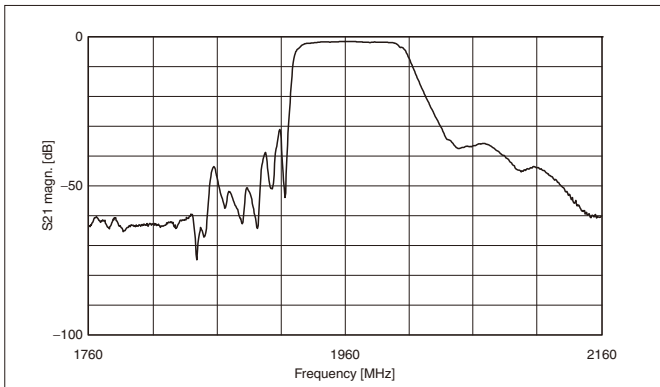
<CELL Tx> Part No.: SF14-0836M5UU00



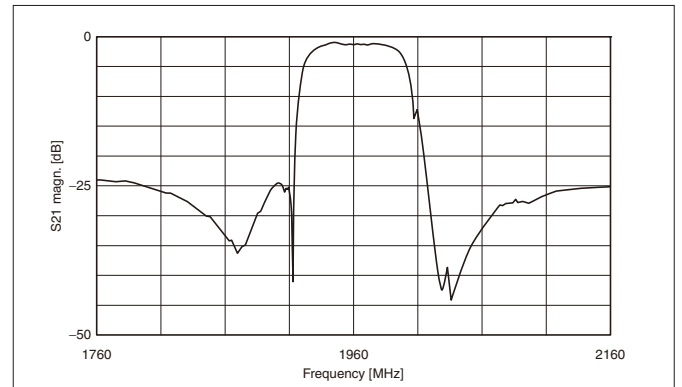
<PCS Rx> Part No.: SF14-1960M5UB00



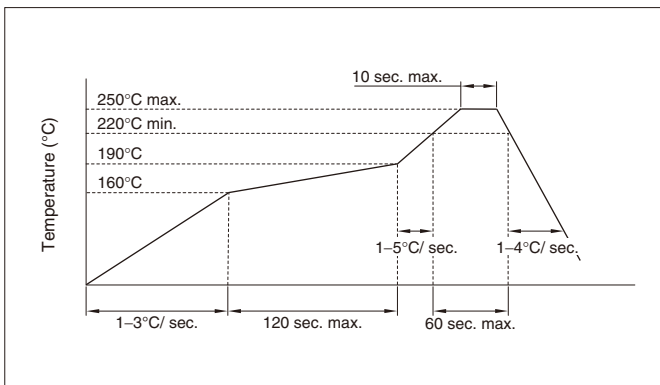
<PCS Rx> Part No.: SF14-1960M5UB72



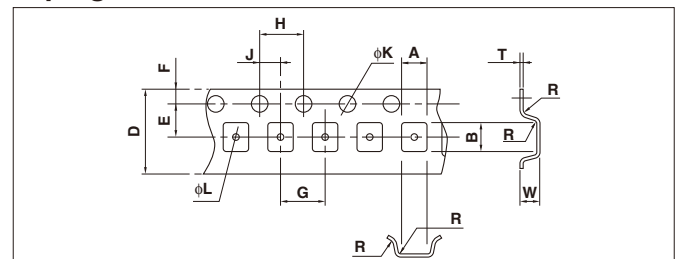
<PCS Rx> Part No.: SF14-1960M5UU00



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		