

Pb Free

RoHS Compliant

### Features

- Built in Matching Network
- Small size
- Low insertion loss
- Hermetic seal

### Application

- US-CDMA
- JCDMA

### How to Order

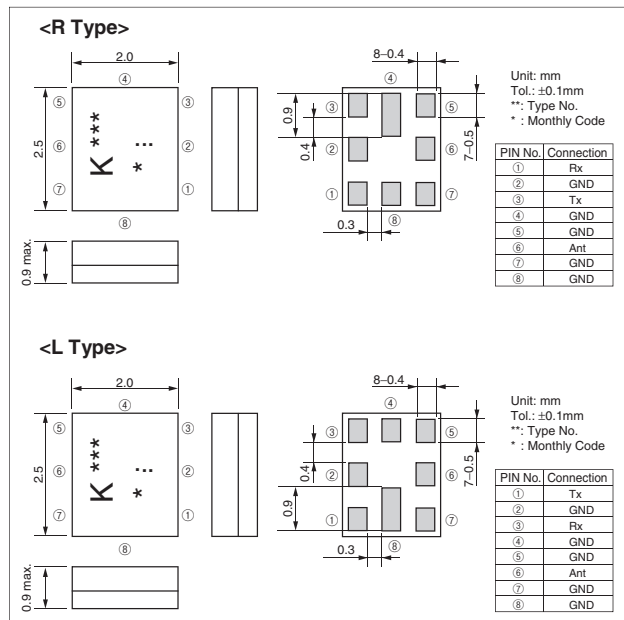
SD 25 - 0836 R 8 UU 00  
① ② ③ ④ ⑤ ⑥ ⑦

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

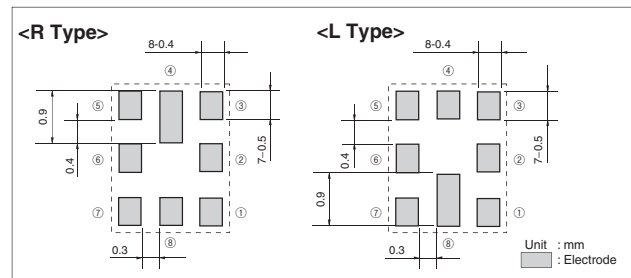
### Specifications

Parts No.	Application	Condition	Pass Band Frequency	Insertion Loss (dB)	Pass Band Variation (dB)	VSWR	Absolute Rejection (dB)					Isolation Tx to Rx (dB)	Operating Temperature	Storage Temperature	
SD25-0836R8UU00 SD25-0836L8UU00	US-CDMA (BCO)	Tx to ANT	824MHz - 849MHz	2.3 max.	1.0 max.	1.8 max.	779MHz 804MHz	869MHz 894MHz	1648MHz 1698MHz	2472MHz 2547MHz	—	—	55 min.	-30 to +85°C	-40 to +85°C
		ANT to Rx	869MHz - 894MHz	3.3 max.	1.5 max.	1.9 max.	824MHz 849MHz	—	—	—	—	—	45 max.		
SD25-0836R8UU10 SD25-0836L8UU10	US-CDMA (BCO)	Tx to ANT	824MHz - 849MHz	2.3 max.	1.0 max.	2.0 max.	779MHz 804MHz	869MHz 894MHz	1570MHz 1580MHz	1648MHz 1698MHz	2400MHz 2480MHz	2472MHz 2547MHz	55 min.	-30 to +85°C	-40 to +85°C
		ANT to Rx	869MHz - 894MHz	3.3 max.	1.5 max.	2.0 max.	824MHz 849MHz	—	—	—	—	—	40 max.		
SD25-0827R8UU00 SD25-0827L8UU00	JCDMA (BCO)	Tx to ANT	824MHz - 830MHz	2.3 max.	1.0 max.	1.8 max.	843MHz 846MHz	860MHz 870MHz	869MHz 875MHz	1574MHz 1577MHz	1648MHz 1660MHz	2110MHz 2130MHz	55 min.	-20 to +70°C	-40 to +85°C
		ANT to Rx	869MHz - 875MHz	2.3 max.	1.0 max.	2.0 max.	824MHz 830MHz	898MHz 901MHz	915MHz 925MHz	1738MHz 1750MHz	1920MHz 1980MHz	2400MHz 2484MHz	44 max.		

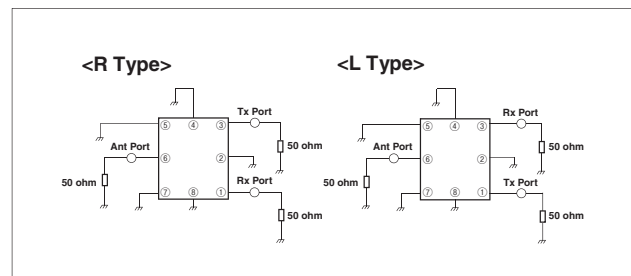
### Dimensions



### Recommended Land Pattern

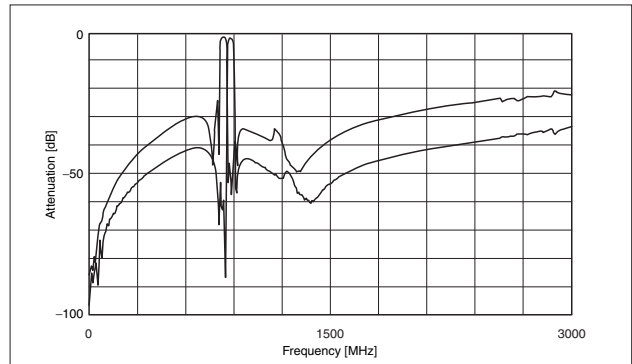
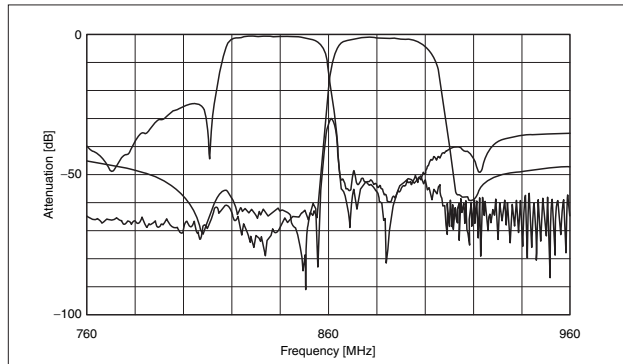


### Test Circuit

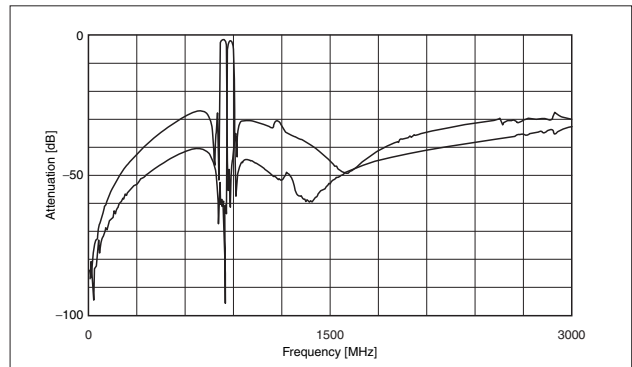
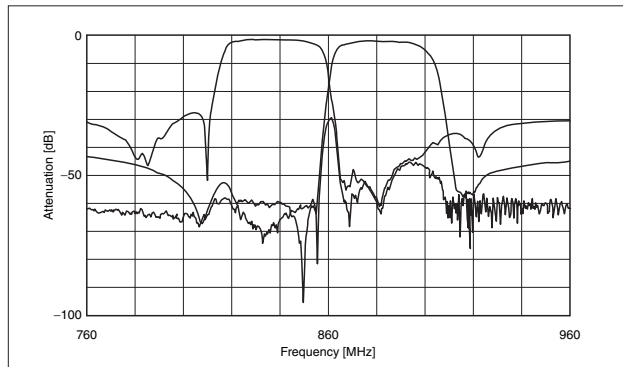


## Characteristics

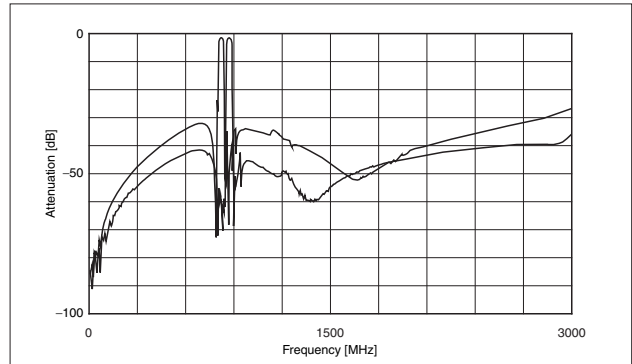
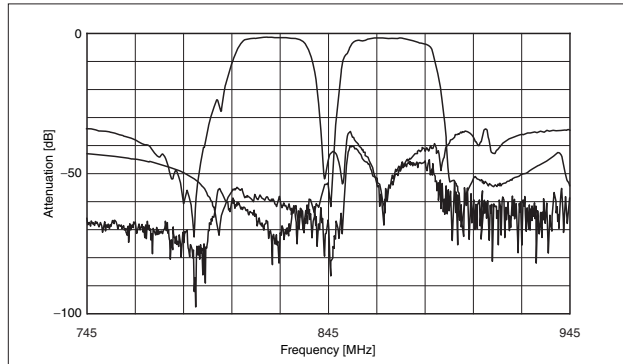
<US-CDMA (BC0)> Parts No.: SD25-0836R8UU00/ SD25-0836L8UU00



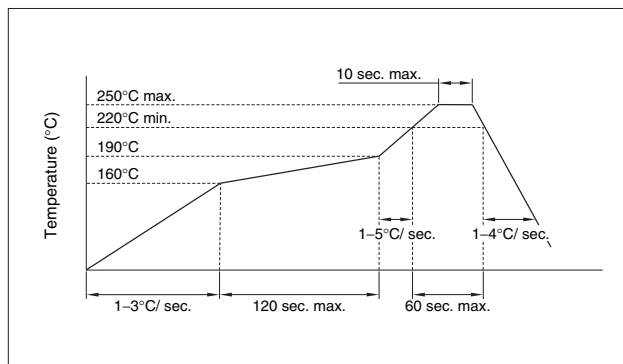
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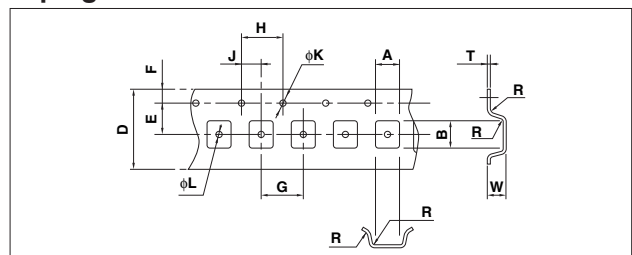
<J-CDMA (BC0)> Parts No.: SD25-0827R8UU00/ SD25-0827L8UU00



## Recommended Reflow Profile



## Taping Dimensions



(Unit: mm)

Part	A	B	D	E	F
Dimension	2.4±0.1	2.9±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	1.1±0.1
Part	R	W	T		
Dimension	0.3 max.	1.15±0.1	0.25±0.05		