

Ph Free

RoHS Compliant

Features

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

Application

- US-CDMA
- JCDMA

How to Order

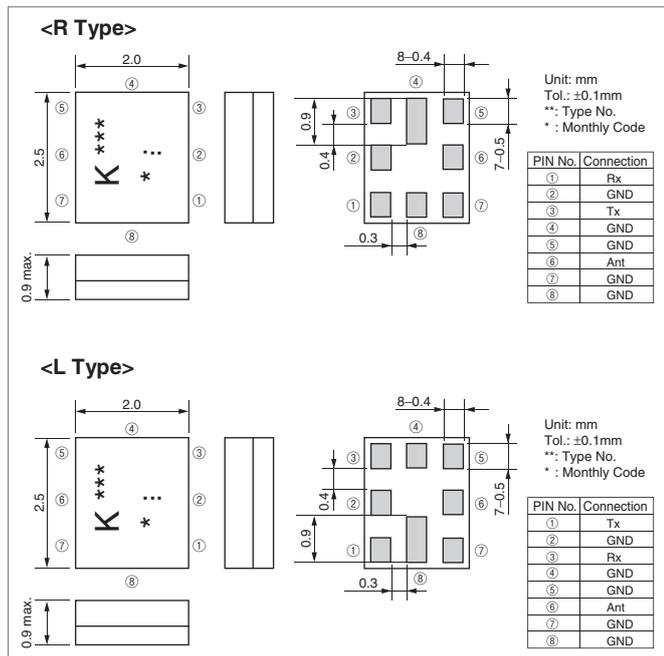
SD 25 - 0836 R 8 UU 00
 ① ② ③ ④ ⑤ ⑥ ⑦

- 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)

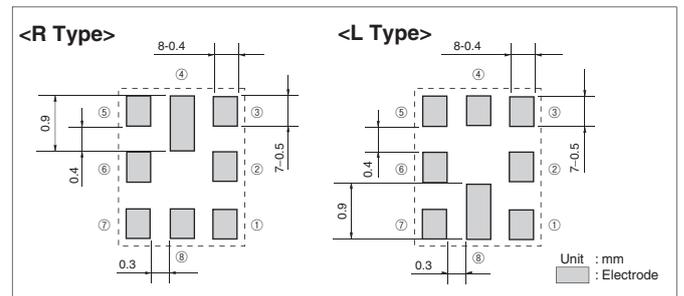
Specifications

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	
							779MHz	869MHz	1648MHz	2472MHz	—				—
SD25-0836R8UU00 SD25-0836L8UU00	US-CDMA (BC0)	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 (BC0)	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 (BC0)	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.		

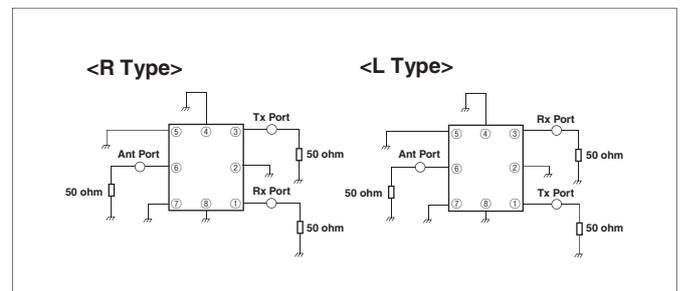
Dimensions



Recommended Land Pattern

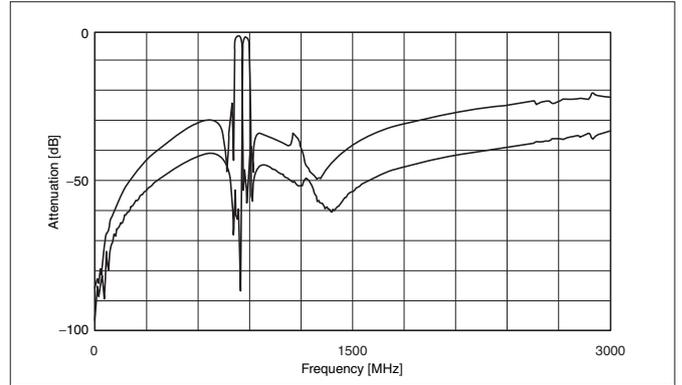
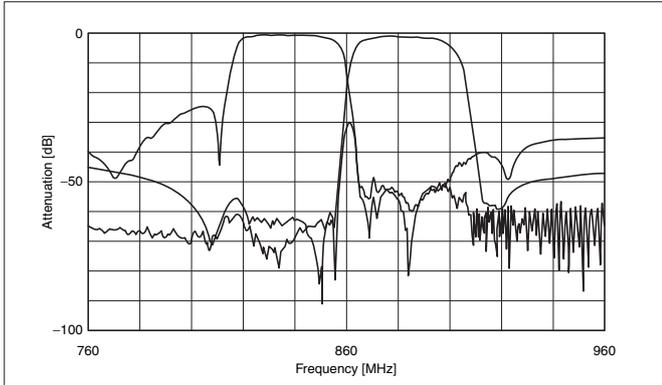


Test Circuit

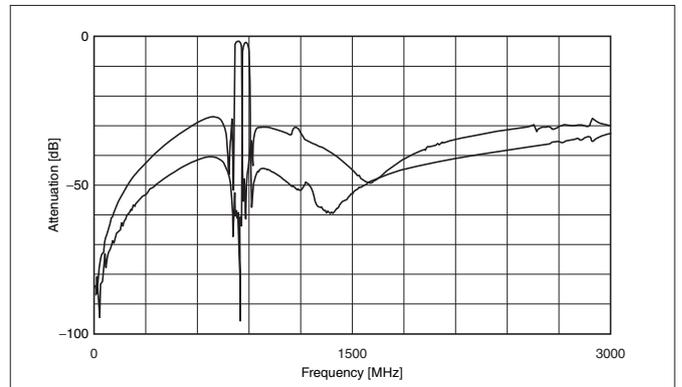
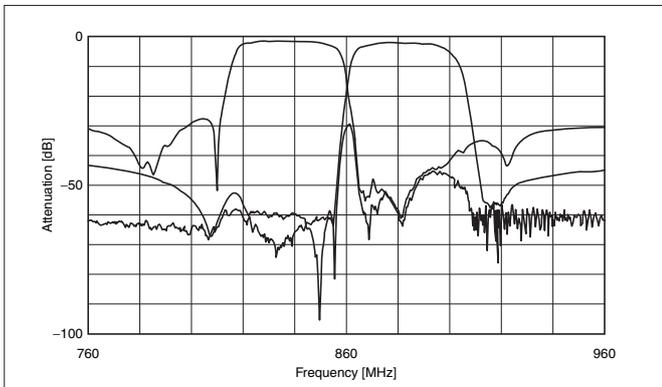


Characteristics

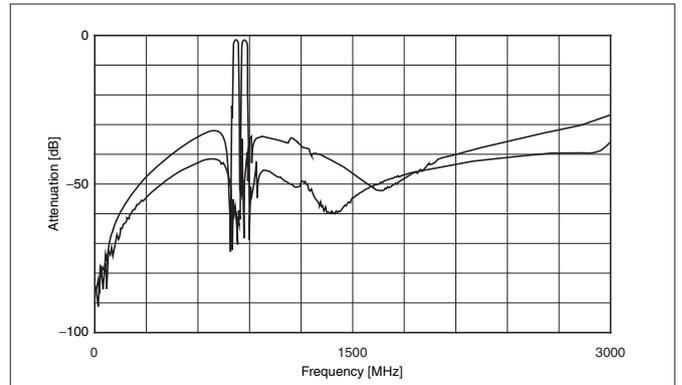
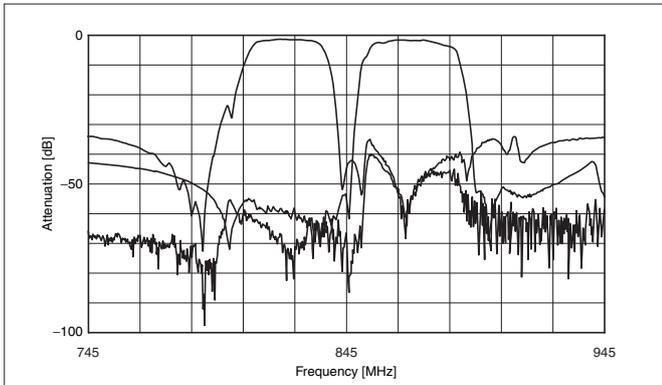
<US-CDMA (BC0)> Parts No.: SD25-0836R8UU00/ SD25-0836L8UU00



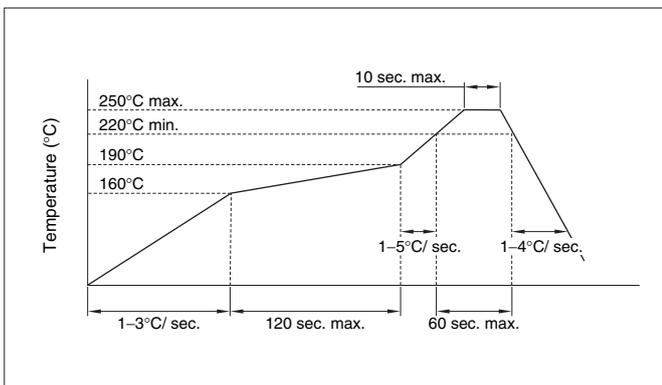
<US-CDMA (BC0)> Parts No.: SD25-0836R8UU10/ SD25-0836L8UU10



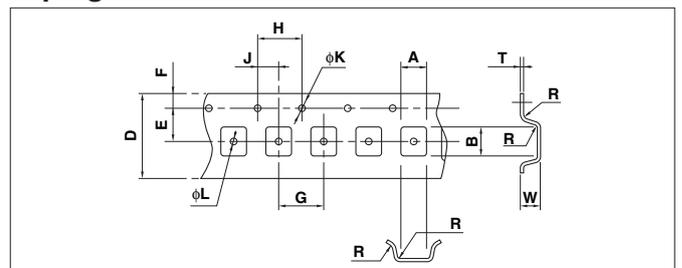
<J-CDMA (BC0)> Parts No.: SD25-0827R8UU00/ SD25-0827L8UU00



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		