

Ph Free

RoHS Compliant

Features

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

Application

- US-CDMA
- JCDMA

How to Order

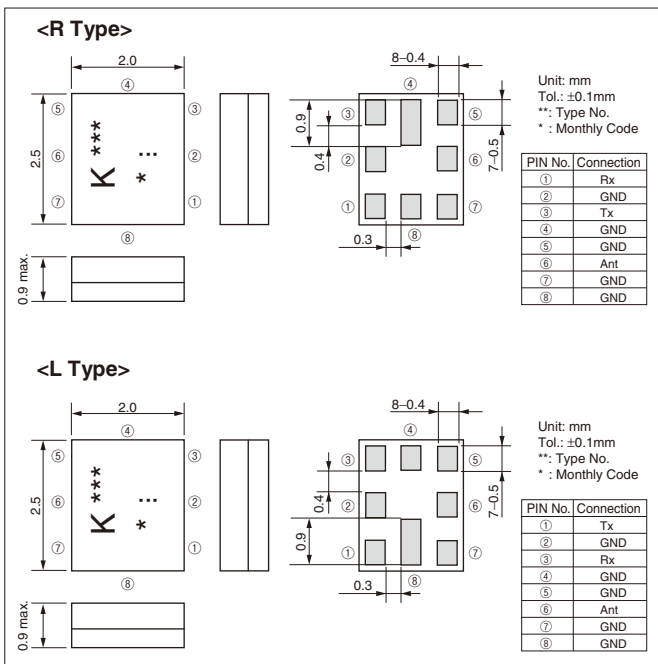
SD 25 - 0836 R 8 UU 36
① ② ③ ④ ⑤ ⑥ ⑦

- 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)

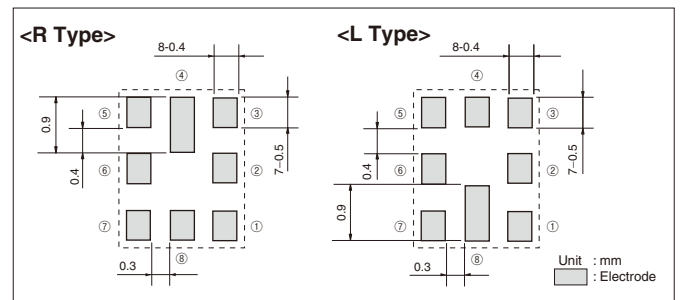
Specifications

Part 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	1570MHz	1648MHz	2400MHz	2472MHz			
SD25-0836R8UU36 SD25-0836L8UU36	US-CDMA (BCO)	Tx to ANT	824MHz - 849MHz	2.2 max.	1.0 max.	2.0 max.	779MHz 804MHz 15 min.	869MHz 894MHz 40 min.	1570MHz 1580MHz 40 min.	1648MHz 1698MHz 30 min.	2400MHz 2480MHz 20 min.	2472MHz 2547MHz 20 min.	55 min.	-30 to +85°C	-40 to +85°C
		ANT to Rx	869MHz - 894MHz	3.2 max.	1.7 max.	2.2 max.	824MHz 849MHz 50 min.	—	—	—	—	—	40 min.		
SD25-0827R8UU00 SD25-0827L8UU00	JCDMA (BCO)	Tx to ANT	824MHz - 830MHz	2.3 max.	1.0 max.	1.8 max.	843MHz 846MHz 20 min.	860MHz 870MHz 35 min.	869MHz 875MHz 41 min.	1574MHz 1577MHz 42 min.	1648MHz 1660MHz 40 min.	2110MHz 2130MHz 33 min.	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 48 min.	898MHz 901MHz 43 min.	915MHz 925MHz 42 min.	1738MHz 1750MHz 40 min.	1920MHz 1980MHz 37 min.	2400MHz 2484MHz 33 min.	44 min.		

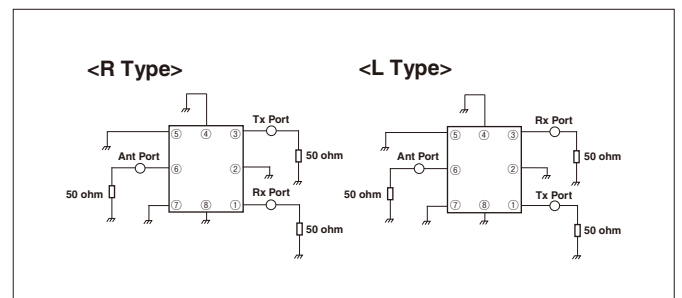
Dimensions



Recommended Land Pattern

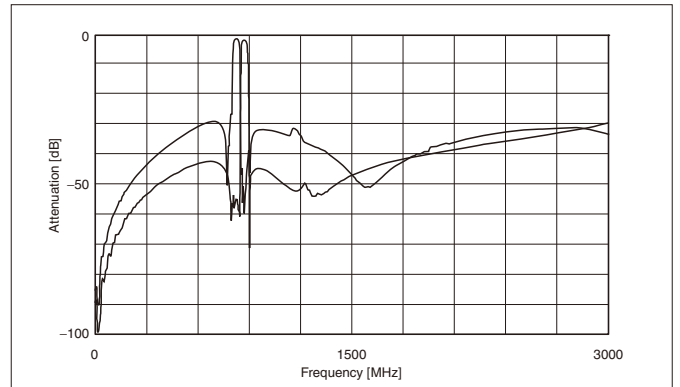
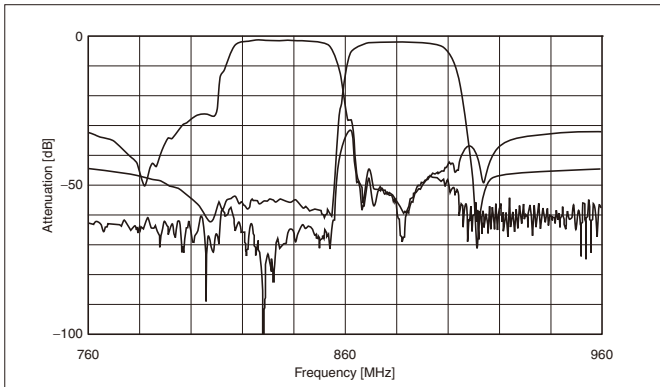


Test Circuit

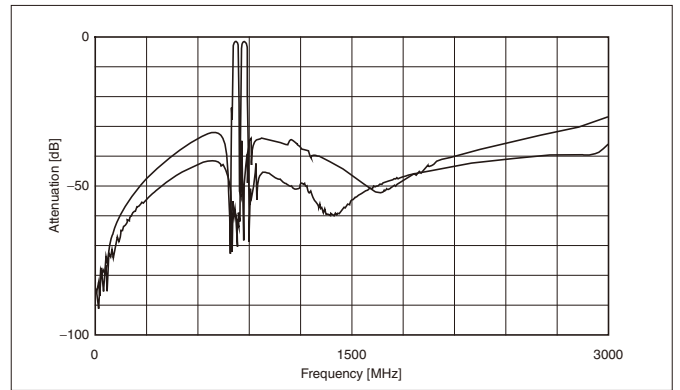
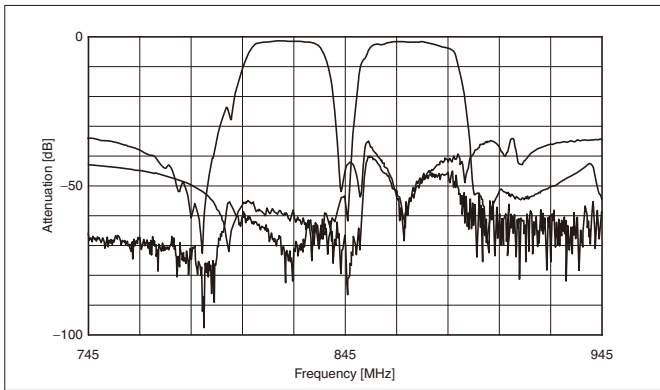


Characteristics

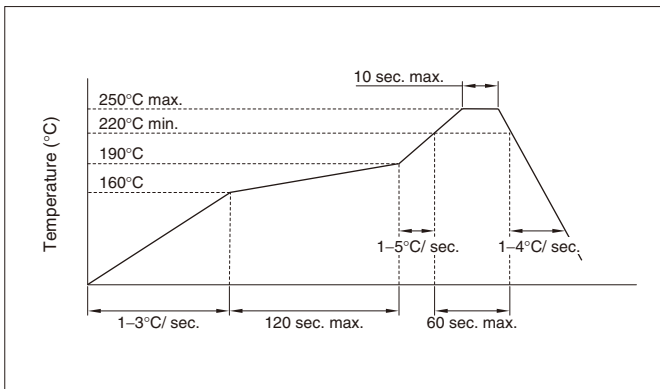
<US-CDMA (BC0)> Part No.: SD25-0836R8UU36/ SD25-0836L8UU36



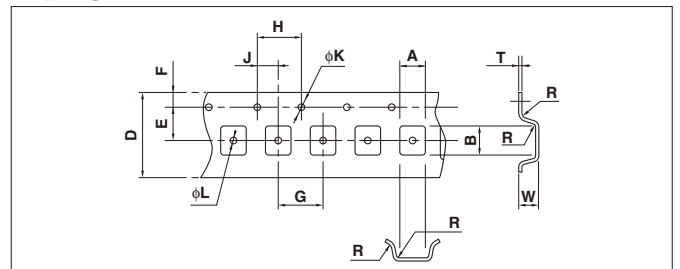
<J-CDMA (BC0)> Part No.: SD25-0827R8UU00/ SD25-0827L8UU00



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		