

RoHS Compliant

### Features

- Small size
- High attenuation
- High Isolation
- Rx Balanced Output Type

### Application

- UMTS (W-CDMA)
- CDMA

### How to Order

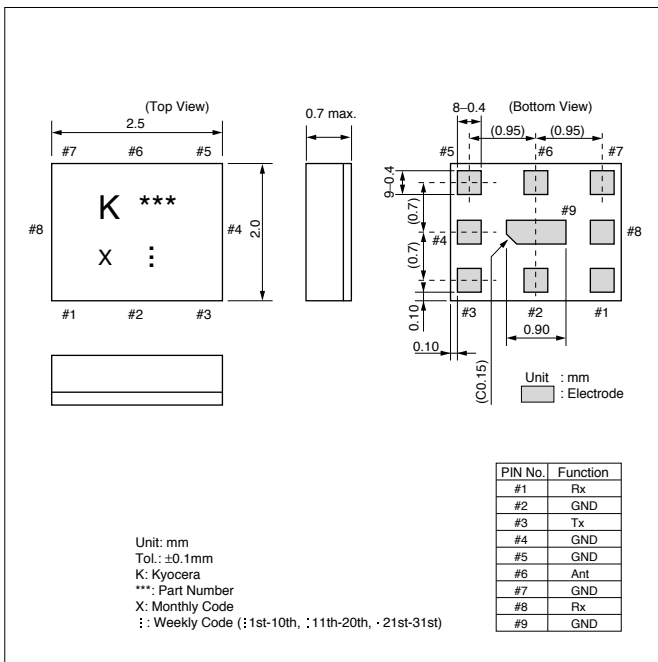
SD 25 - 1950 R 9 UB Q1  
 ① ② ③ ④ ⑤ ⑥ ⑦

- 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)

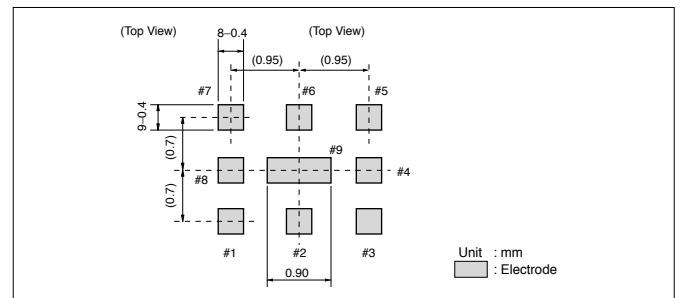
### Specifications

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
							843MHz	1573MHz	1805MHz	1865MHz	2110MHz	2400MHz			
SD25-1950R9UBQ1	UMTS Band1 / CDMA BC6	Tx to ANT	1920MHz - 1980MHz	2.3 max.	0.5 max.	2.2 max.	44 min.	43 min.	25 min.	8 min.	44 min.	32 min.	52 min.	-30 to +85°C	-40 to +85°C
		ANT to Rx	2110MHz - 2170MHz	2.5 max.	0.5 max.	2.2 max.	45 min.	15 min.	15 min.	30 min.	35 min.	—			
SD25-0836R9UBQ1	UMTS Band5 / CDMA BC0	Tx to ANT	824MHz - 849MHz	2.5 max.	1.5 max.	2.2 max.	35 min.	44 min.	35 min.	35 min.	33 min.	24 min.	55 min.	-30 to +85°C	-40 to +85°C
		ANT to Rx	869MHz - 894MHz	3.0 max.	1.5 max.	2.2 max.	45 min.	28 min.	40 min.	35 min.	—	—			

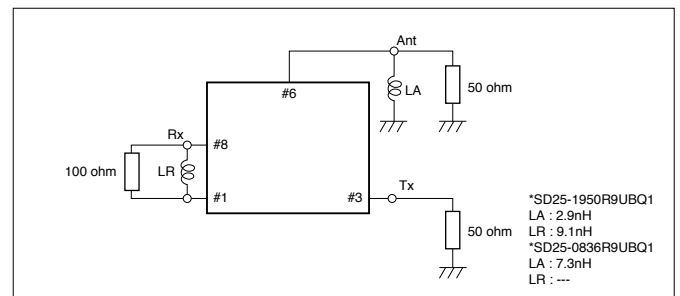
### Dimensions



### Recommended Land Pattern

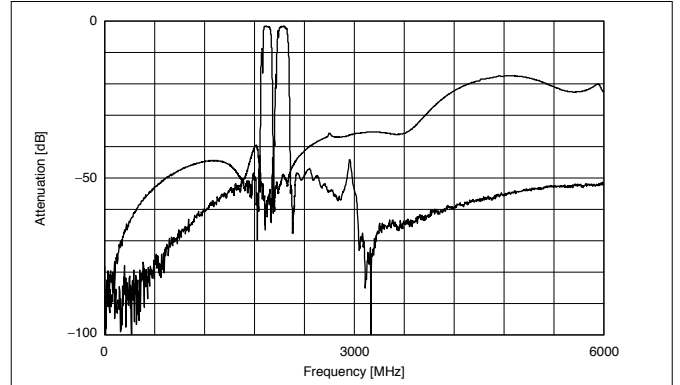
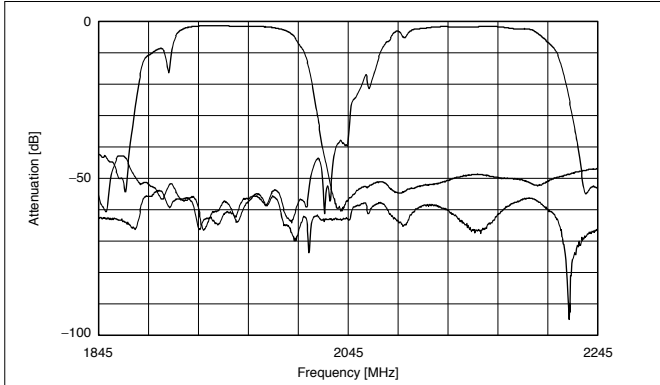


### Test Circuit

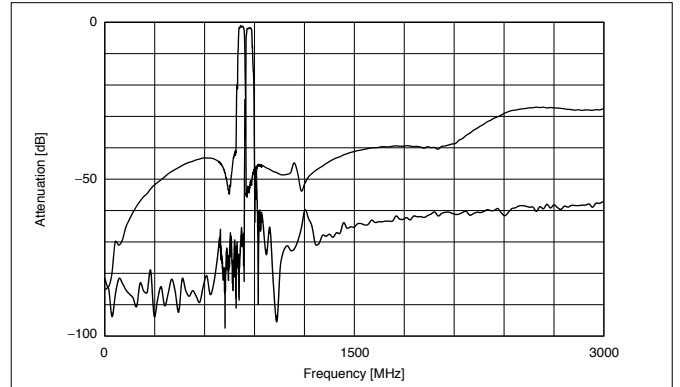
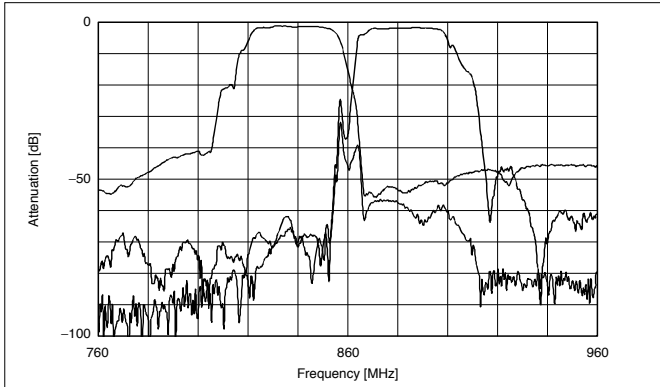


**Characteristics**

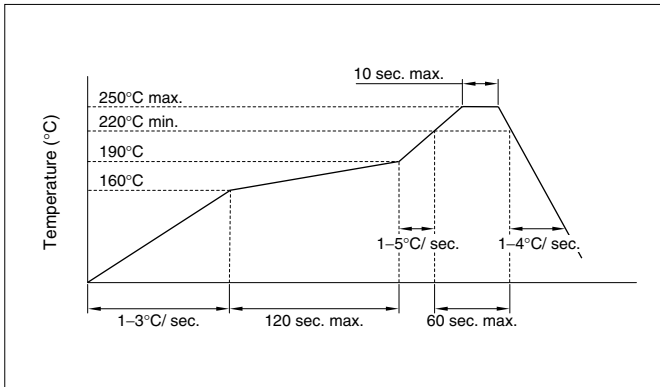
<UMTS Band1> Part No.: SD25-1950R9UBQ1



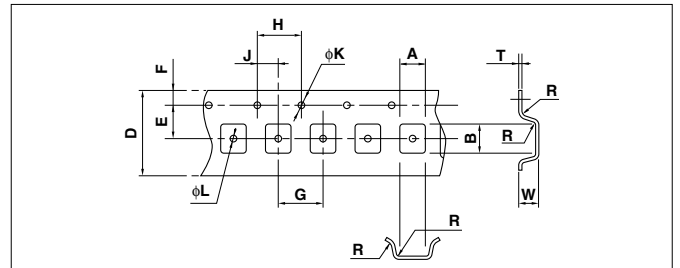
<UMTS Band5> Part No.: SD25-0836R9UBQ1



**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		