



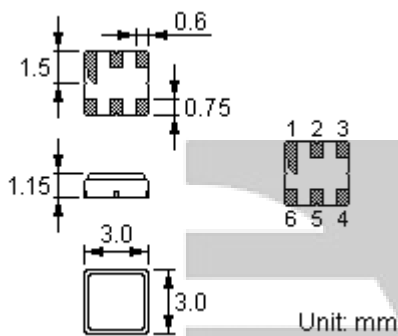
***SAW Components***  
***Data Sheet***  
***CC0en-US***

**Features**

- Low-loss RF filter
- Low amplitude ripple
- No matching network required for operation at 50Ω
- Ceramic package for **Surface Mounted**
- Technology (**SMT**)
- Lead-free production and **RoHS** compliant

**Package Dimensions**

Ceramic Package: **DCC6C**



**Pin Configuration**

2	Input
4, 6	Output
1, 3	Case Ground
1, 3, 5	To Be Grounded

**Marking**

DSF\*  
.3145

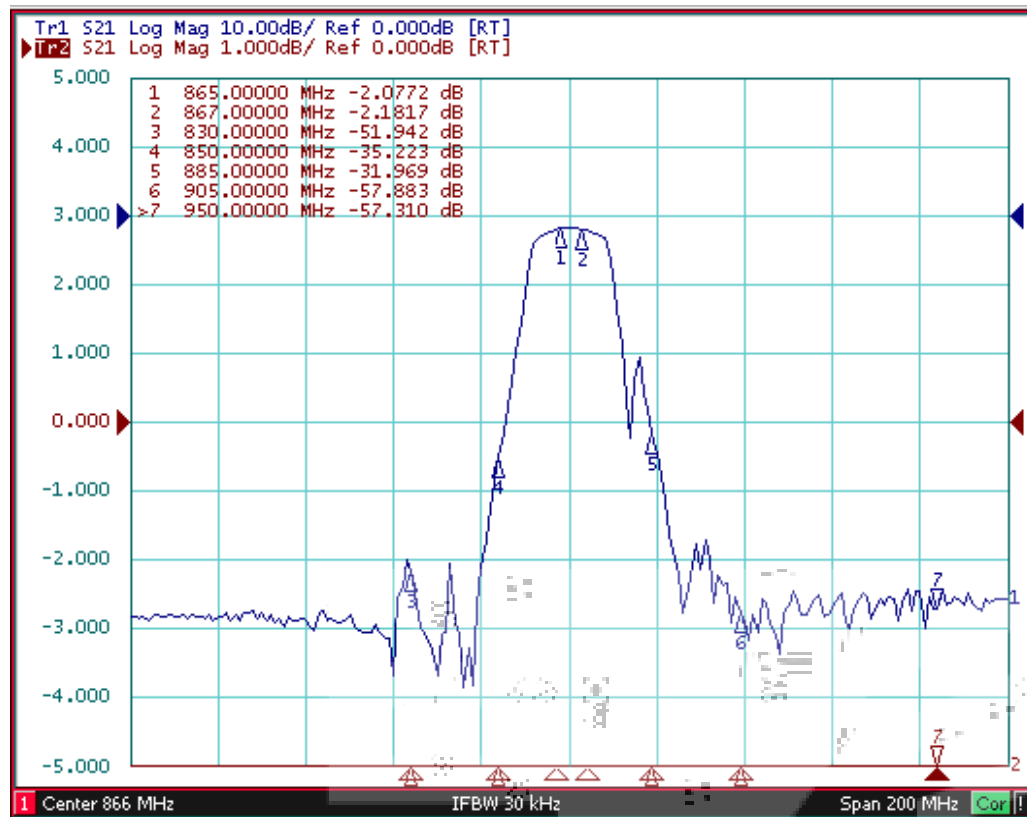
- (1) Laser Marking
- (2) D: Manufacture's logo
- (3) SF: SAW Filter
- (4) 3145: Part Number
- (5) : Terminal 1
- (6) \*: Lot number (The code shown below varies in a 4-year cycle)

Code	1	2	3	4	5	6	7	8	9	10	11	12
2013	A	B	C	D	E	F	G	H	J	K	L	M
2014	N	P	Q	R	S	T	U	V	W	X	Y	Z
2015	a	b	c	d	e	f	g	h	i	j	k	m
2016	n	p	q	r	s	t	u	v	w	x	y	z

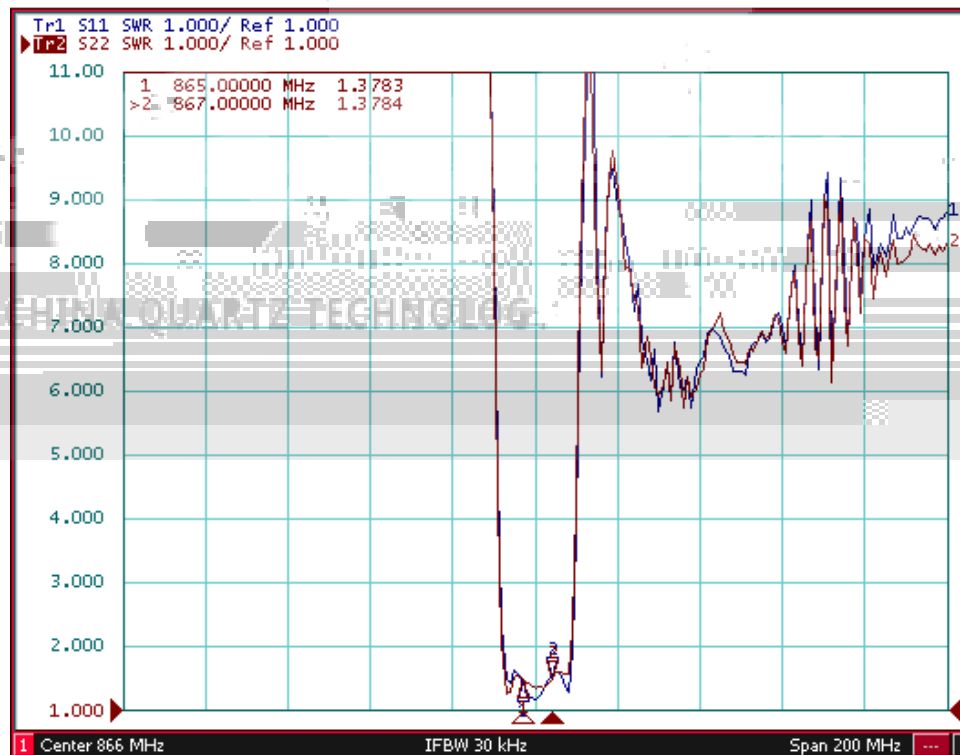
**Maximum Ratings**

Rating		Value	Unit
Input Power Level	$P$	15	dBm
DC Voltage	$V_{DC}$	12	V
ESD Voltage (HB)	$V_{ESD}$	150	V
Operating Temperature Range	$T_A$	-45 ~ +125	°C
Storage Temperature Range	$T_{stg}$	-45 ~ +125	°C

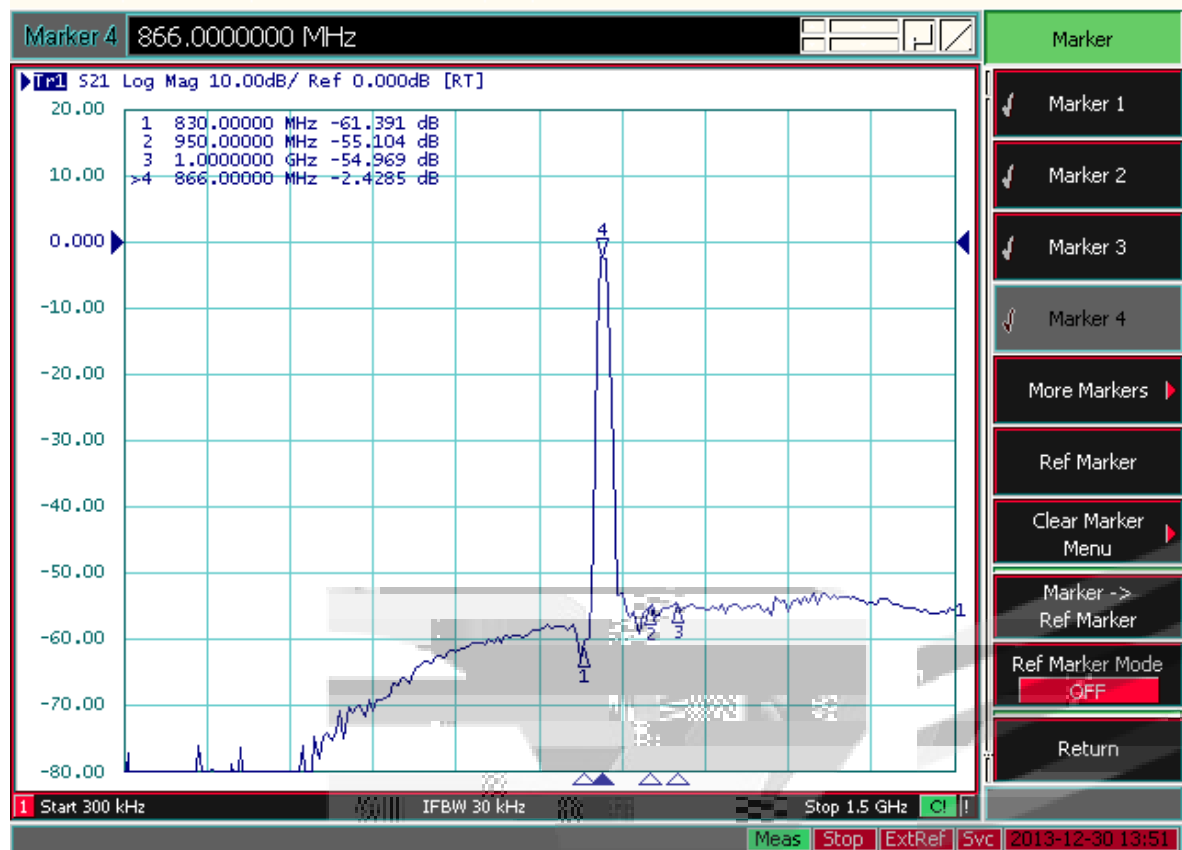
S21



S11 S22

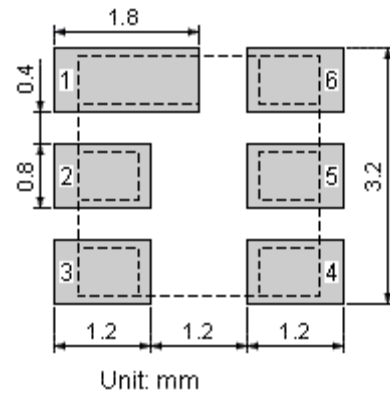
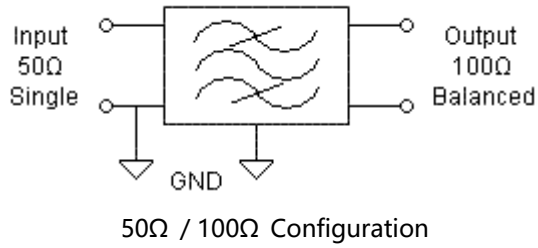


Far Side



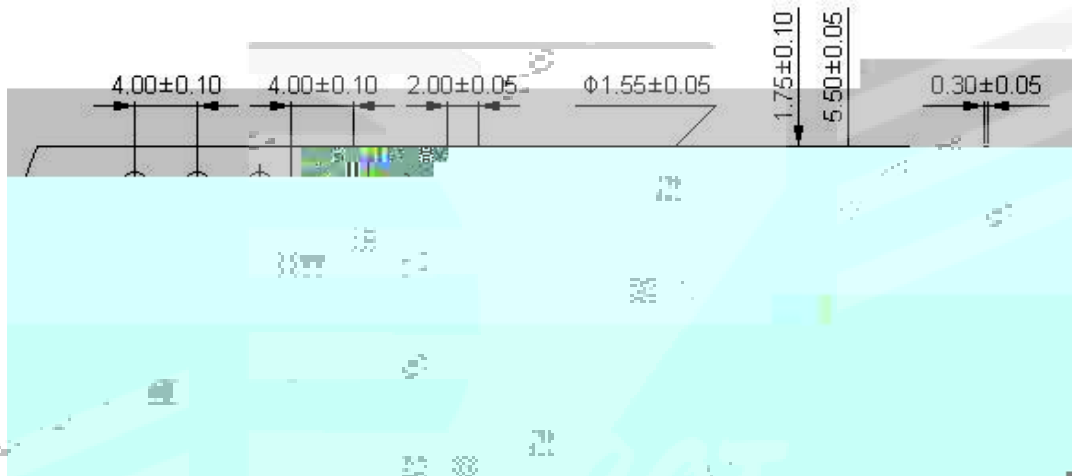
### Remarks

- SAW devices should not be used in any type of fluid such as water, oil, organic solvent, etc.
- Be certain not to apply voltage exceeding the rated voltage of components.
- Do not operate outside the recommended operating temperature range of components.
- Sudden change of temperature shall be avoided, deterioration of the characteristics can occur.
- Be careful of soldering temperature and duration of components when soldering.
- Do not place soldering iron on the body of components.
- Be careful not to subject the terminals or leads of components to excessive force.
- SAW devices are electrostatic sensitive. Please avoid static voltage during operation and storage.
- Ultrasonic cleaning shall be avoided. Ultrasonic vibration may cause destruction of components.

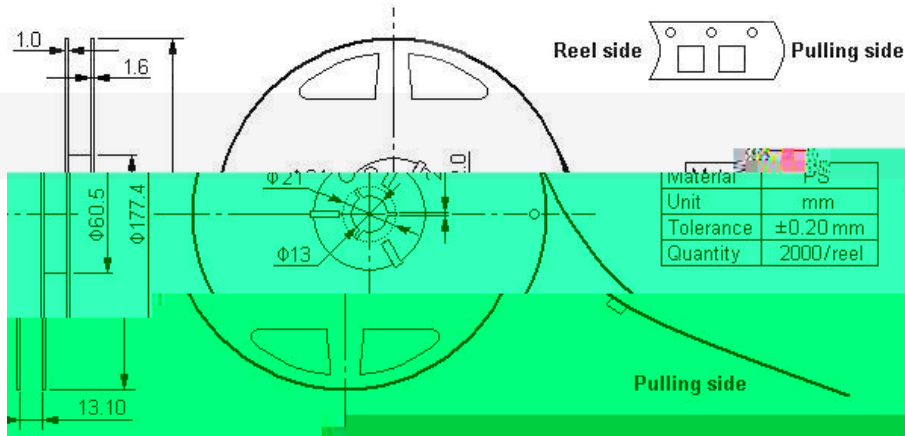


**Packing Information**

Carrier Tape



Reel Dimensions



Outer Packing

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Type	Quantity	Dimension	Description	Weight
Carton Box I	10000	190×190×95	anti-static plastic bag & carton box 1 reel / bag 5 bags / box (10000 pcs) 10 bags / box (2	