

Model Name: SAW RESONATOR

TO:STE



SPEC NO.: SRS-008M

SPECIFICATION

PART NO: SSR868.35N02S3838

CUSTOMER PART NO.:
Approval sheet:

Yes

Approved

No.

Customer's comments are welcomed here.

STRONG ELECTRONICS&TECHNOLOGY LIMITED

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Date:

Approved By



History Record

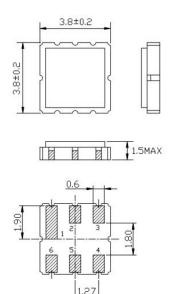
Date	Part No.	SPEC No.	Description.	Remarks.
RoHS Compliant Lead free Lead-free soldering	ISO9001:2000 ISO14001:2004	Approved by	Check by	Design by
		May-15-2009	May-10-2006	Jan-16-2005
Reversions	Total Page	Xu gang dong	Liu jun	Wang hon

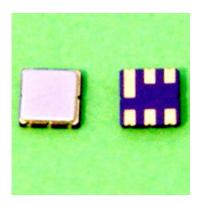


1. Package Dimension

(S3838)

Unit: mm





Pin No.	Function	
Pin 2	Input	
Pin 5	Output	
Other	Ground	

2. Marking

R868

• WF7

(1) Ink Marking or Laser Marking

(2) R: Products code

(3) 868: Model code

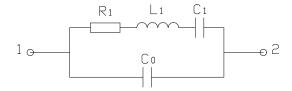
(4) .: Pin 1 Identifier

(5) W: Tolerance code (+/-150KHz)

(6) F7: Date code



3. Equivalent LC Model



4. Performance

4.1 Maximum Rating

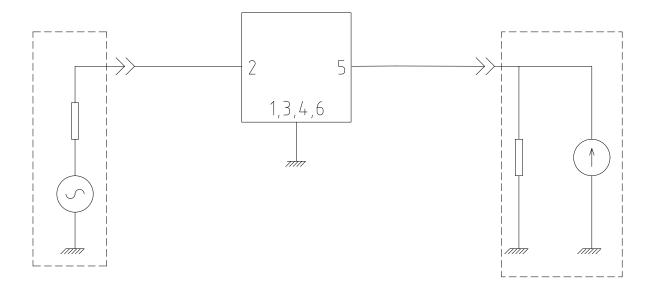
3	
ltem:	
Operation Temperature Range	-40℃ to +85℃
Storage Temperature Range	-45℃ to +85℃
DC Voltage	12V
Source Power	0 dBm

4.2 Electronic Characteristics

Item	Units	Minimum	Typical	Maximum
Center Frequency (fo)	MHz	868.20	868.35	868.50
Insertion Loss	dB	_	1.5	2.5
Quality Factor				
Unloaded Q	_	_	8,000	_
50Ω Loaded Q	_	_	1,300	_
Temperature Stability				
Turnover Temperature	$^{\circ}$ C	_	25	_
Freq. Temp. Coefficient	ppm/°C	_	0.032	<u>—</u>
Frequency Aging	ppm/yr	_	<±10	_
DC Insulation Resistance	МΩ	1.0	_	_
RF Equivalent RLC Model				
Motional Resistance R1	Ω	_	18	_
Motional Inductance L1	μH	_	25.2	_
Motional Capacitance C1	fF	_	1.20	_
Shunt Static Capacitance C0	pF	_	1.6	_



4.3 Test Circuit



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单击下面可查看定价,库存,交付和生命周期等信息

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