

# ZHEJIANG JIAKANG ELECTRONICS CO.,LTD.

## APPROVAL SHEET

### SURFACE-MOUNT SAW RESONATOR

**PART NO.: JDR4003**

**This product is  
compliant to :**

<input checked="" type="checkbox"/>	RoHS Directive 2002/95/EC
<input checked="" type="checkbox"/>	REACH (15 SVHCs) Regulation (EC) No. 1907/2006

<b>Product Type:</b>	<b>Customer:</b>
SAW Resonator	
<b>Part NO.:</b>	<b>Customer Part NO.:</b>
JDR4003	
<b>Ver. Ctrl.:</b>	<b>Issued Date:</b>
SR4003-091211-v1.1	

PREPARED BY	CHECKED BY	APPROVED BY

Part No.	:	JDR4003
Pages	:	5
Data	:	2009-12-11
Revision	:	SR4003-091211-v1.1

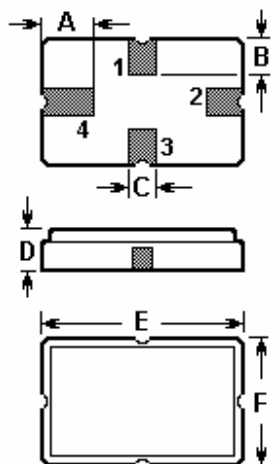
Add : NO.1188 Jiahang Road, Jiaxing Zhejiang,China (314001)  
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### Features

- 1-port Resonator
- Provides reliable, fundamental mode, quartz frequency stabilization i.e. in transmitters or local oscillators
- Surface Mounted Technology (SMT)
- Lead-free production and RoHS compliance

### Package Dimensions

Ceramic Package: QCC4A



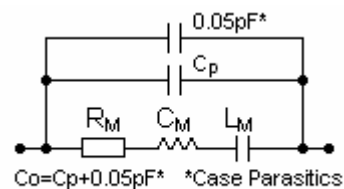
Pin		Configuration	
1		Input / Output	
3		Output / Input	
2/4		Case Ground	
Sign	Data (unit: mm)	Sign	Data (unit: mm)
A	1.2	D	1.4
B	0.8	E	5.0
C	0.5	F	3.5

### Marking

**JDR  
4003**

Top View, Laser Printing  
 "ND": Manufacturer's mark  
 "R": SAW resonator  
 "4003": Part number

### Equivalent LC Model



### Maximum Ratings

Rating		Value	Unit
CW RF power dissipation	$P$	+10	dBm
DC voltage between any terminals	$V_{DC}$	$\pm 30$	V
Operating temperature range	$T_A$	-40 ~ +85	°C
Storage temperature range	$T_{stg}$	-40 ~ +85	°C