

# ASG5F/ASG5T

## 5x3.2mm SMD Glass Sealing Crystal Units

### Applications:

- USB Interface Card
- Notebook PC
- Portable PC

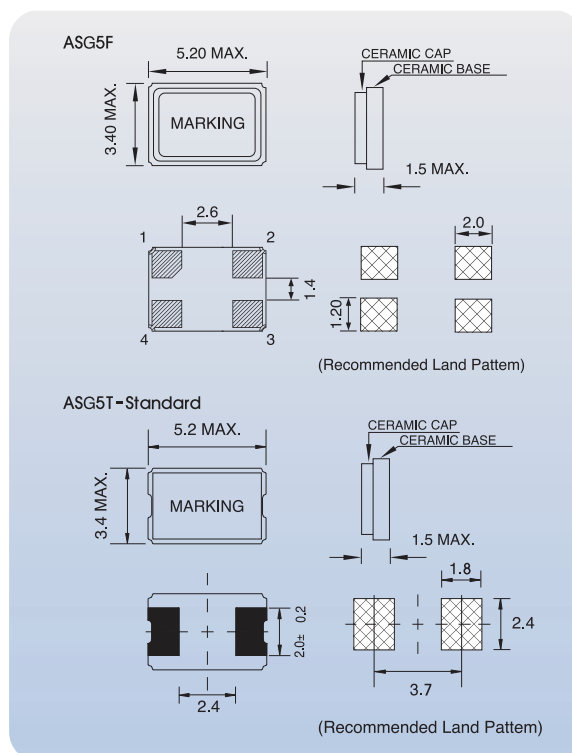
### FEATURES

- Ultra Miniature Design
- Excellent for High Density Surface Mounting
- Contains Pb in sealing glass exempted by RoHS directive

### SPECIFICATION

MODEL		ASG5F/ASG5T
Frequency		
Frequency Range (Fundamental)	MHz	8.000 ~ 50.000
Frequency Tolerance (25°C)	ppm	±30 ~ ±100
Frequency Stability (Ref to 25°C)	ppm	±30 ~ ±100
Environmental Condition		
Operating Temperature Range	°C	-10 to +70
Storage Temperature Range	°C	-40 to +85
Aging	ppm/Year	±5
Electrical Specifications		
Test Circuit		S&A 250B with $\pi$ Fixture
	pF	10pF ~ Series (Customer Specified)
Drive Level	uW	100 or special requirement
Equivalent Series Resistance	$\Omega$	see table
Shunt Capacitance (Co)	pF	7.0 (Max.)

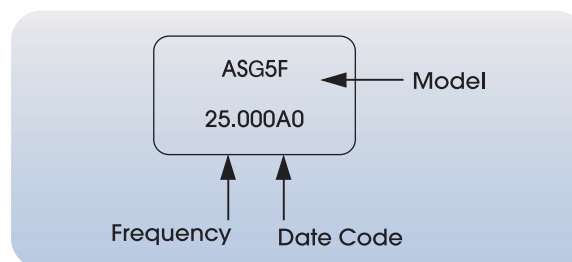
### DIMENSION (mm)



### EQUIVALENT SERIES RESISTANCE ( $\Omega$ )

Frequency (MHz)	Mode	Max ESR ( $\Omega$ )
8.00 ~ 12.00	Fundamental	80
12.01 ~ 50.00	Fundamental	50

### MARKING RULE



### PART NUMBERING GUIDE

Example: ASG5F-25M-FE160E2

MODEL	Frequency	Mode	Tolerance	CL	Stability	OP Temp Range
ASG5F	In MHZ	F: Fundamental	E: ±30ppm F: ±50ppm G: ±100ppm O: Others	100: 10pF 160: 16pF 180: 18pF 200: 20pF 300: 30pF 320: 32pF S: Series	E: ±30ppm F: ±50ppm G: ±100ppm O: Others	1: 0 to +70°C 2: -10 to +70°C 3: -20 to +70°C 4: -20 to +80°C 5: -40 to +85°C 0: Others
ASG5T						