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

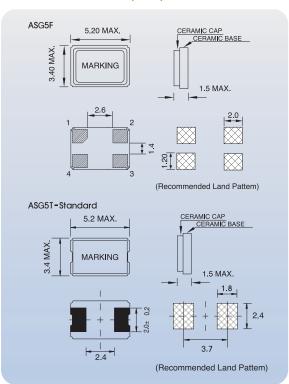
SPECIFICATION

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	Electrical Specifications								
Test Circuit		S&A 250B with π Fixture							
	рF	10pF ~ Series							
	рі	(Customer Specified)							
Drive Level	uW	100							
	uw	or special requirement							
Equivalent Series Resistance	Ω	see table							
Shunt Capacitance (Co)	pF	7.0 (Max.)							

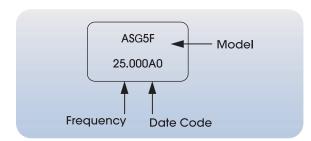
• EQUIVALENT SERIES RESISTANCE (Ω)

Frequency (MHz)	Mode	Max ESR (Ω)			
8.00 ~ 12.00	Fundamental	80			
12.01 ~ 50.00	Fundamental	50			

DIMENSION (mm)



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	100: 10pF	E: ±30ppm	1: 0 to +70°C
ASG5T			F: ±50ppm	160: 16pF	F: ±50ppm	2: -10 to +70°C
			G: ±100ppm	180: 18pF	G: ±100ppm	3: -20 to +70°C
			O: Others	200: 20pF	O: Others	4: -20 to +80°C
				300: 30pF		5: -40 to +85°C
				320: 32pF		0: Others
				S: Series		