

ASG3F

3.2x2.5mm 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		ASG3F
Frequency		
Frequency Range (Fundamental)	MHz	12.000 ~ 54.000
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	±3
Electrical Specifications		
Test Circuit		S&A 250B with π Fixture
Load Capacitance (CL)	pF	10pF ~ Series (Customer Specified)
Drive Level	uW	100 or special requirement
Equivalent Series Resistance	Ω	see table
Shunt Capacitance (Co)	pF	3.0 (Max.)

EQUIVALENT SERIES RESISTANCE (Ω)

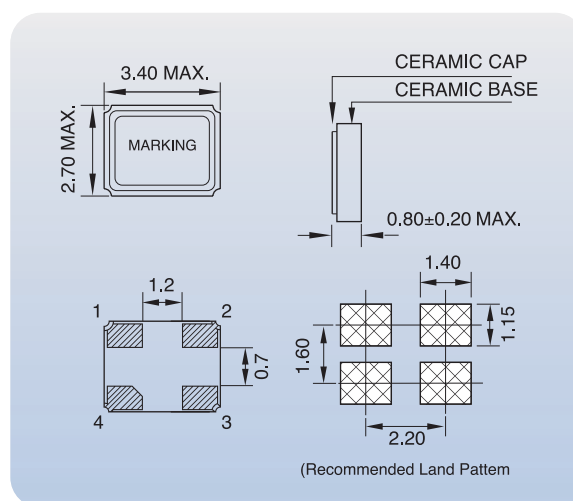
Frequency (MHz)	Mode	Max ESR (Ω)
12.000 ~ 16.000	Fundamental	100
16.001 ~ 54.000	Fundamental	60

PART NUMBERING GUIDE

Example: ASG3F-25M-FE160E2

MODEL	Frequency	Mode	Tolerance	CL	Stability	OP Temp Range
ASG3F	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

DIMENSION (mm)



MARKING RULE

