

Tuning Fork



Applications:

- Notebook PC
- Digital Camera
- Wireless LAN
- Portable PC
- Mobile Phone
- LCD

FEATURES

- Design for time of Day Clocks Applications
- Small Compact Size with Performance and Economy
- Excellent Shock and Environmental Characteristics
- RoHS/REACH Compliant

SPECIFICATION

MODEL		AS308	AS206	AS206G
Norminal Frequency	KHz	32.768KHz		
Frequency Tolerance (25°C)	ppm	±5 ~ ±100		
Enviornmental Condition				
Operating Temperature Range	°C	- 40 to +85 or Specify		
Storage Temperature Range	°C	-40 to +85		
Aging	ppm/year (Max)	±5		
Electrical Specifications				
Load Capacitance (CL)	pF	6 ~ 12.5 (Standard)		
Drive Level	uW (Max)	1.0		
Equivalent Series Resistance	Ω (Max)	30K	40K	50K
Motional Capacitance	pF (Typ)	0.0035	0.0028	0.0028
Shunt Capacitance (C0)	pF (Typ)	1.75	1.45	1.45
Insulation Resistance		More than 500M Ω		

DIMENSION (mm)

MODEL	A	B	C	D	E	F
AS308	8±0.2	9.6±0.5	0.8±0.2	3±0.1	∅0.32±0.05	-
AS206	6±0.2	7±0.3	0.7±0.2	2±0.1	∅0.25±0.05	-
AS206G	6±0.2	2.7±0.3	-	2±0.1	∅0.25±0.05	2.54±0.3

AS308 / AS206

AS206G

• Marking Rule

PART NUMBERING GUIDE

Example: AS308-32.768K-FC125C2

MODEL	Frequency	Tolerance	CL	Stability	OP Temp Range
AS308	In KHz	A: ±10ppm	060: 6pF	A: ±10ppm	1: 0 to +70°C
AS206		B: ±15ppm	125: 12.5pF	B: ±15ppm	2: -10 to +70°C
AS206G		C: ±20ppm	160: 16pF	C: ±20ppm	3: -20 to +70°C
		D: ±25ppm	180: 18pF	D: ±25ppm	4: -20 to +80°C
		E: ±30ppm	200: 20pF	E: ±30ppm	5: -40 to +85°C
		F: ±50ppm	300: 30pF	F: ±50ppm	6: -40 to +105°C
		G: ±100ppm	320: 32pF	G: ±100ppm	0: Others
	O: Others	S: Series	O: Others		