

SPECIFICATION DATA SHEET

DATE: 2-Apr-19

ELECTRICAL SPECIFICATIONS	
TYPE	3x8 Tuning Fork
Part Number	AS308-32.768K-FC125C3
Nominal Frequency	32.768000 KHz
Frequency Tolerance (at 25±5°C)	± 20 ppm
Operating Temperature	-20°C ~+ 70°C
Storage Temperature	-40°C ~+ 85°C
Shunt Capacitance (C0)	1.75 pF Typ.
Load capacitance	12.5 pF
Drive level	1 μW Max.
Equivalent Series Resistance	30 KΩ Max.
Temperature Coefficient	-0.035±0.01 ppm/°C ²
Motional Capacitance	0.0035 pF Typ.
Capacitance Ratio (C0/C1)	500 Typ.
Insulation Resistance	500 MΩ Min. @ DC100V±15V
Quality Factor	60000 Typ.
Aging Rate (25°C±3°C)	± 5 ppm / Year Max.

