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AF3215 3.2x1.5mm KHz SMD CRYSTAL

3.2 x 1.5 x 0.9 mm



APPLICATIONS:

Communication & Measuring
 Consumer & Industrial
 Wireless communications

FEATURES:

0.9mm height 32.768KHz SMD
 Miniature Ceramic SMD Package
 Suitable for industrial application with operating temperature -40°C to +85°C

PART NUMBERING GUIDE

AF 3215- 32.768K	—
	Load Capacitance		Freq. Tolerance	Operating Temperature	Equivalent Series Resistance
	12.5 : 12.5pF		20: ± 20ppm	A3: -20°C to 70°C	70 KΩ(Standard) or Please specify
	7: 7pF		30: ± 30ppm	A6: -40°C to 85°C	

ELECTRICAL CHARACTERISTICS

PARAMETERS	SYMBOL	SPECIFICATION
Frequency Range	Fo	32.768KHz
Operating Temperature	To	- 40°C to + 85°C
Frequency Tolerance at +25°C	Δf/F	± 20 ppm (Standard) or specify
Temperature Coefficient	K	-0.04 ppm/°C 2 max.
Equivalent Series Resistance	R1	70 KΩ max.
Quality Factor	Q	13000 min.
Shunt Capacitance	C0	1.1pF Typical
Load Capacitance	CL	12.5pf (Standard), or specify
Drive Level	DL	1μW max.
Aging at 25°C	Δf/F	± 3ppm max.(first year)
Insulation Resistance		500MΩ min at 100Vdc
Packing		3,000 pcs per Tape & Reel

OUTLINE DRAWING: mm

RECOMMENDED LAND PATTERN

