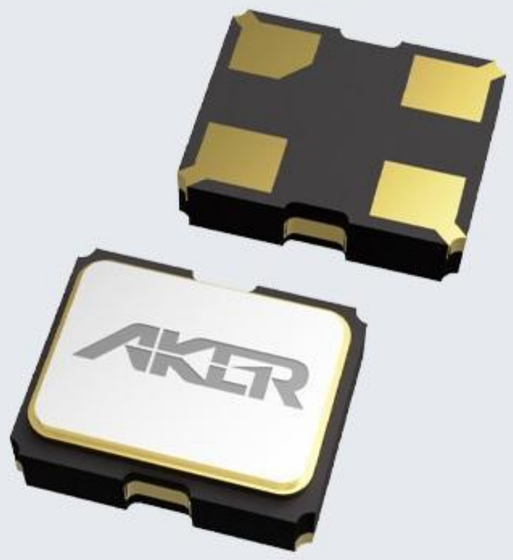
ACCURATE KINETIC ENERGY

CRYSTAL OSCILLATORS

ACTUAL SIZE: □

SMAF-027000-ABY4T00 CERAMIC PACKAGE



APPLICATIONS

- DVR
- Camera
- Medical
- Industry Control
- Wireless
- Communcation
- Telecom
- IoT

FEATURES

- Seam Seal
- Excellent Solderability
- Tri-State
- Low Power Consumption
- RoHS Compliant

Specification

MODEL					
FREQUENCY RANGE	MHz	2.000 ~ 60.000			
FREQUENCY STABILITY*	ppm	± 25 ~ ± 100			
OPERATING TEMPERATURE	°C	- 20 ~ + 70 Or Specify (- 40 ~ + 125 is available)			
STORAGE TEMPERATURE	°C	- 55 ~ + 125			
POWER SUPPLY VOLTAGE	VDC	+1.8 ± 10%	+2.5 ± 10%	+3.3 ± 10%	+1.62 ~ +3.63
OUTPUT LEVEL		CMOS			
OUTPUT SYMMETRY	%	45 ~ 55 (at 50% VDC)			
INPUT CURRENT					
2.0 ~ 9.9MHz	mA (Max.)	3	4	5	5
10.0 ~ 19.9MHz		4	5	6	6
20.0 ~ 31.9MHz		5	6	7	7
32.0 ~ 60.0MHz		6	7	8	8
RISE/FALL TIME					
2.0 ~ 9.9MHz	ns (Max.)	6	5	5	6
10.0 ~ 19.9MHz		6	5	5	6
20.0 ~ 31.9MHz		5	5	5	5
32.0 ~ 60.0MHz		5	5	5	5
OUTPUT LOAD		15 pF Max.			
AGING	ppm/Year	± 3			

*Inclusive of 25°C±3°C & Operating Temperature Range.

**Specification subject to change without notice.

Pin Connection

PIN No.	Connection
#1	**Enable/Disable**
#2	**GND**
#3	**Output**
#4	**VDC**

Enable/Disable Function

Pin #1	Pin #3
HIGH(OPEN)	Output
LOW	High Impedance

Dimension(mm)

