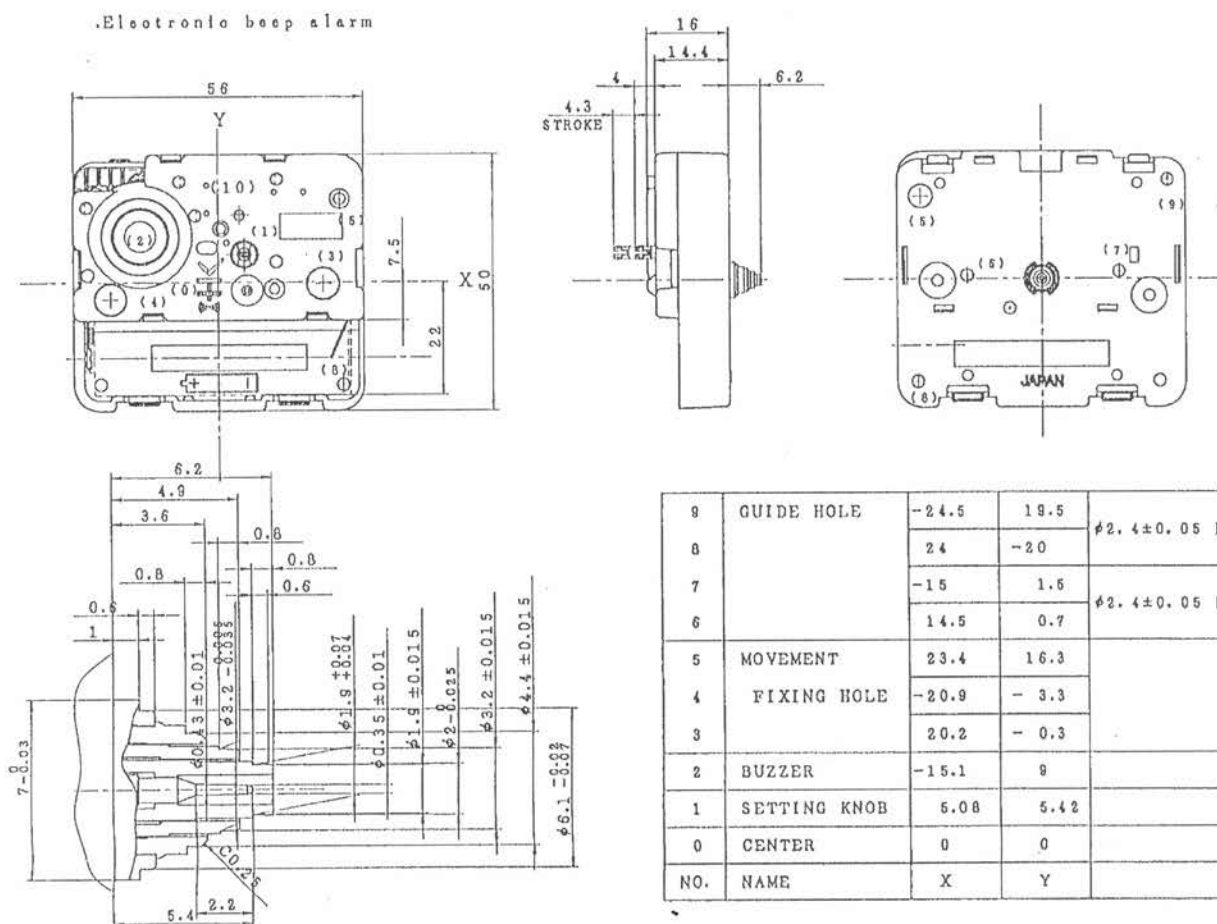
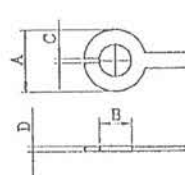


QUARTZ ALARM CLOCK MOVEMENT

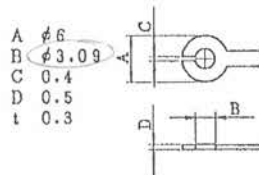
- Electronic beep alarm



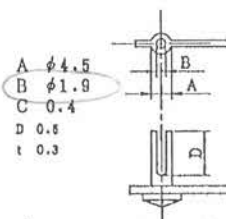
Hand
Metal hand



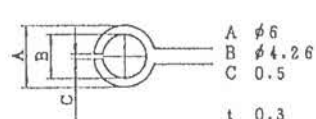
Hour hand



Minute hand



Second hand



Alarm hand

Plastic band

It requires to make inner diameter of plastic hand 0.04mm to 0.06mm smaller than diameter of movement shaft. The best size of inner diameter is slightly different according to the shape or material of hand.

SPECIFICATIONS

Crystal Oscillator	: 32.768KHz	Alarm Sound	: electronic sound
Time Keeping	: 0.45±0.55sec/day at 1.5V, 23°C		(4096Hz~8Hz modulation)
Operating Voltage	: 1.3V to 1.7V	Alarm Volume	: over 78dB at 9cm apart from front buzzer by A range
Operating Temperature	: -10°C to 50°C	Alarm Set/Stop	: slide the alarm stopper
Torque .second shaft	: over 0.3gf-cm(1.3V)	Alarm Duration	: 40±20 minutes
.minute shaft	: over 15gf-cm(1.3V)	Average Current Consumption	
Driving System	: self-start, step-motor	Time	: under 90μA at 1.5V
Weight	: approx.16g w/o battery		: under 1mA at 1.5V
Circuit Output Frequency	: 0.5Hz	Allowed Hand	Second Minute
Rated Voltage	: 1.5V	Length	: under 45mm 45mm
Battery Size	: AA size(IEC R6) 1 piece	Weight	: under 1g 2g
Battery Life	: 1 year	Unbalance	: under 0.1gf-cm 0.3gf-cm