

# 20mm Piezoelectric Diaphragm / Buzzer

## BC20PD002P30000-3600

### 1. Electro-acoustical parameters

content	target	
Resonance Frequency	3.6kHz	3.6kHz
Resonant Frequency Tolerance	$\pm 0.6\text{kHz}$	$\pm 0.6\text{kHz}$
Resonant Impedance (R1)	500 $\Omega$	500 $\Omega$ max
Capacitance	20nF	30nF
Capacitance Tolerance	$\pm 30\%$	$\pm 30\%$
Measurement Condition of Capacitance	[1kHz]	[100Hz]
Operating Temperature Range	-20 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$	-20 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$
Storage Temperature Range	-30 $^{\circ}\text{C}$ to 80 $^{\circ}\text{C}$	-30 $^{\circ}\text{C}$ to 80 $^{\circ}\text{C}$
Shape	No lead wire	
Plate Size	20mm	20mm
Element Size	14mm	15mm
Plate Material	Brass	Brass

### 2. Mechanical drawing

