

Output:Other

Usage:VIBRATION SENSOR

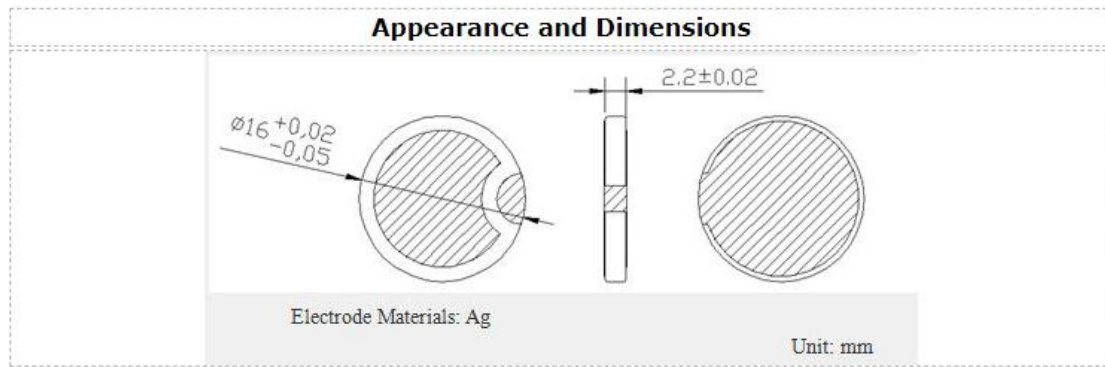
Theory:Ultrasonic Sensor

Frequency:1M

Diameters:16mm

Curie Temp.:upto 359degree C

(Item)	(Unit)	(Standard)
(Fr) Resonant frequency	MHz	1.00 ± 0.01
(R _r) Resonant impedance	Ω	≤ 20
(C ₀) Static capacitance	pF	$1400 \pm 20\%$
d ₃₃	$\times 10^{-12} \text{C/N}$	≥ 400
T _c	$^{\circ}\text{C}$	≥ 350



Part Number	HTCY
External Diameter	$\phi 8 \sim \phi 50 \text{mm}$
Dielectric Loss $\text{tg}\delta$	$\leq 2.0\%$
Relative Dielectric Constant $\epsilon_{33}^T / \epsilon_0$	2300、2800、3200
Piezoelectric Strain Constant (d ₃₃)(C/N)	430×10^{-12} 、 540×10^{-12} 、 600×10^{-12}
Resonant Frequency	40kHz ~ 4MHz
Electrode Type	A/B/C
Electrode Material	银silver, 金gold
Recommended Material	P-668、P-678、P-672