

Mounting Type:touch the air
 Description:Gas Flow Sensor
 Type:Gas Flow Sensor
 NOMINAL FREQUENCY:200±10KHz
 BANDWIDTH(-3dB):25KHzMIN
 Capacitance:1100±20%pF
 IMPEDANCE(200KHz)Zr:3±30%kΩ
 OPERATING TEMPERATURE:-20~+70℃
 STORAGE TEMPERATURE:-40~+85℃

ELECTRICAL SPECIFICATIONS		
Items	Unit	Content
Nominal Frequency(Fn)	kHz	200±10
Resonance Impedance(R0)	Ω	1000-4000
Static Capacitance(CP)	pF	850±10%
Signal Sensitivity (Driving SignalVp-p20v, Transmission Distance70mm)	mv	≥50

OUTLINE DRAWINGS AND DIMENSIONS
L : line length
TEST
Test Conditions Parts shall be measured under a condition (Temp.:20℃±15℃, Humidity: 45%~85% R.H, Temperature: 40±5℃.).

Test Methods

Item	Test Methods
Frequency Bandwidth(Df)	Measuring thickness vibration mode,Agilent 4294A Impedance analyzer
Resonance Impedance(R0)	Measuring thickness vibration mode,Agilent 4294A Impedance analyzer
Static Capacitance(CP)	Digital Electric Bridge (at 1kHz/1V)

Part Number	PSC
Frequency	150~500kHz
Bandwidth	10~50kHz
Impedance	1000~3000Ω
Capacitance	500~2200pF
Beamwidth	13±2°
Customized available	

Figures

