

SPECIFICATION SHEET

ELECTRONIC SPECIFICATION:



HPA23AX:

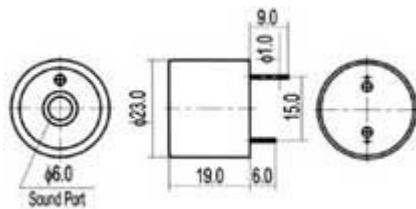
Type	HPA23AX
Rated Voltage(VDC)	12
Operating Voltage(VP-P)	1~18
★Rated Current (mA)	≤15
★Sound Output at 30cm(dB)	≥88
Rated Frequency(Hz)	3300±500
Operating Temp.(°C)	-20~+60
Storage Temp.(°C)	-30~+70
Housing Material	ABS
Weight(g)	8

★Value Applying Rated Voltage, DC

◆Dimension

Unit:mm

Tolerance:±0.3mm



◆Frequency Response

Measuring Temperature:25°C

Measuring Distance:30cm

