

Component specification

US1640PA

Index A

Ultrasonic Sensor

1. General

Operating temperature: -40°C to +85°C Component weight [g]:
Storage temperature: -40°C to +85°C
Contact: PIN Housing color: aluminium
Packageing: tray IP rating:
ESD conform RoHs conform: yes
Remark:

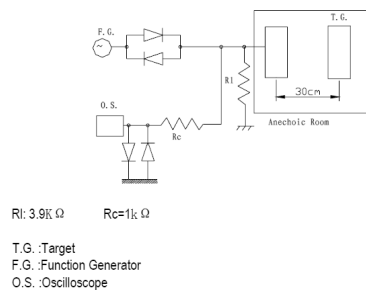
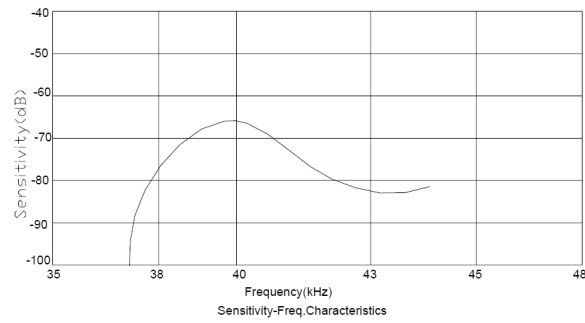
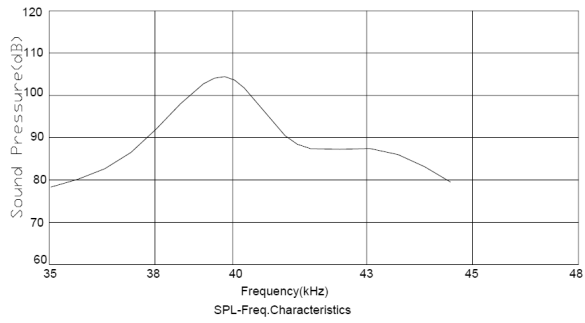
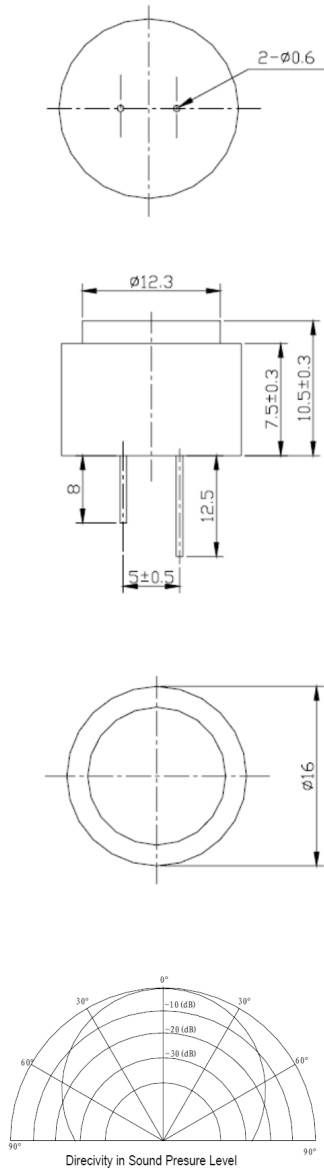


2. Electrical and acoustical specification

Using method Dual mode
Detectable range [m] 0.2 - 4
Center frequency [kHz] 40
Capacity [nF] at 1kHz 2 +/- 20%
Sensitivity [dB/V/μbar] -75
SPL [dBA]: 30cm/10Vrms Sine Wave 10
Maximum voltage [Vpp] 100
Tone constant-pulse:
Polarity:
Remark:
frequency curve:

GREWUS		dimensions without tolerance: +/- 0.5	scale:	
Designed by: Ralf Hinnerichs	19.09.2009	part number: US1640PA	index:	Date:
Released by: Ralf Hinnerichs	19.09.2009		A	19.09.2009
drawing number: 400759705		Ultrasonic Sensor		Page 1 of 3

3. Component drawing



GREWUS		dimensions without tolerance: +/- 0.5	scale:	
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