

# ▶ ULTRASONIC SENSOR

25 mm ultrasonic sensor sealed 40khz

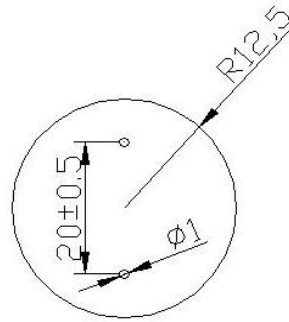
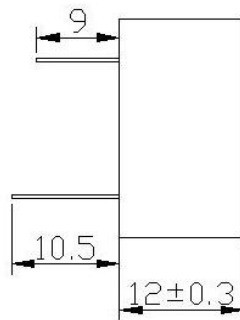
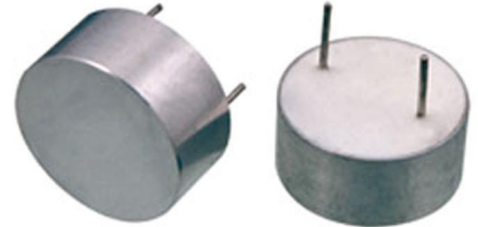
**TOPTTEK®**  
HARDWARE ELECTRONIC COMPONENTS



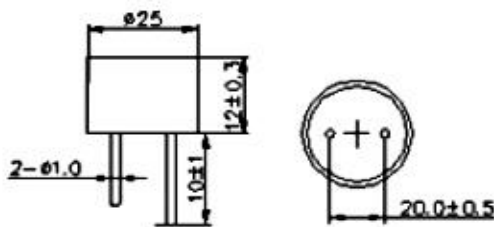
## SPECIFICATION MODEL: S25F-40FS-WA

1	Construction	Waterproof
2	Using Method	Transmitter / Receiver
3	Nominal Frequency (HZ)	40K
4	Sensitivity (dB)	≥ -70dBV/μbar
5	SPL (dB)	≥110dB(effective value 10V/30cm)
6	Directivity	30deg
7	Capacitance (pF)	2200pF ± 25%@1Khz
8	Detectable Range (M)	Above 6m
9	Operating Temperature (°C)	-30....+85
10	Housing Material	Aluminium or black

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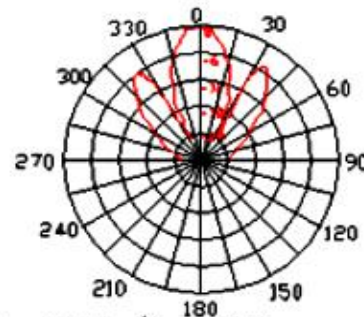


Dimensions are in mm



Impedance/Phase Angle vs.frequency  
Tested under 1Vrms Oscillation Level

Beam Angle Tested at 40.0Khz frequency



Sensitivity/Sound Pressure Level  
Tested under 10Vrms@30cm