

Ultrasonic Sensor (Close Structure)

Model: UC12-T25ASP



ELECTRICAL SPECIFICATIONS

| | Condition | Parameter | Unit |
|--------------------------------------|-----------------------------------|-------------------|------|
| Function | | Transmitter | |
| Center Frequency | | 25 ± 1 | KHz |
| Sound Pressure Level For Transmitter | at 40KHz, 10Vrms, sine wave, 30cm | Min. 95 | dB |
| Capacitance | at 1000Hz | 2200 ± 20% | pF |
| Input Voltage | | 80 | Vp-p |
| Directivity | -6dB | 80 | deg |
| Detectable Range | | 0.2 ~ 3 | m |
| Operating Temperature | | -30 ~ 80 | °C |
| Terminal | | Pin | |
| Housing Material | | Aluminum (Silver) | |
| Weight | | 1.8 | g |
| Dustproof And Waterproof Level | IEC 529 edition 2.0 (1989) | IP67 | |

Notes: Directivity, detectable range and resolution is typical value. It can be changed by application circuit and fixing method of the sensor.

MECHANICAL DRAWING

Dimensions in mm

Tolerance ±0.5mm Except Specified

