

# ▶ ULTRASONIC SENSOR

Small ultrasonic sensor sealed 40khz

**TOPTTEK®**  
HARDWARE ELECTRONIC COMPONENTS



## SPECIFICATION MODEL: S16F-40FS-BA

|    |                            |                                               |
|----|----------------------------|-----------------------------------------------|
| 1  | Construction               | Waterproof                                    |
| 2  | Using Method               | Transmitter / Receiver                        |
| 3  | Nominal Frequency (HZ)     | 40K                                           |
| 4  | Sensitivity (dB)           | $\geq 100\text{dB}/30\text{cm}/10\text{Vrms}$ |
| 5  | SPL (dB)                   | $\geq -75\text{dB}/\text{v}/\mu\text{bar}$    |
| 6  | Directivity                | $2000\text{pF} \pm 25\%$                      |
| 7  | Capacitance (pF)           | 75deg                                         |
| 8  | Detectable Range (M)       | 0.2....4                                      |
| 9  | Operating Temperature (°C) | -30....+85                                    |
| 10 | Housing Material           | Aluminium or Silver                           |
| 11 | Weight (g)                 | 3                                             |

