

## DATASHEET

### ULTRA LIGHT SINGLE EAR HEADSET

PART NO: 07842B4



#### MICROPHONE SPECIFICATIONS

Electrical Characteristic	Noise Cancelling
Sensitivity	$-47 \pm 4$ dB ( 0db=1 V.Pa, 1 KHz) , $R_L=2.2$ k $\Omega$ , $V_{cc}=2.0$ V.
Impedance	$\leq 2.2$ k $\Omega$ at 1 kHz
Input Sound Level	Max. 100 dB S.P.L ( at 1 kHz, Distortion <3%)
Sensitivity Reduction	Within -3 dB at $V_{cc} = 2.0$ V to 1.5 V

#### SPEAKER SPECIFICATIONS

Weight	1.3 g $\pm$ 5%
Impedance	8 $\Omega$ $\pm$ 15%
Resonance Frequency	1.2 kHz $\pm$ 20%
Power Rating	Nom. 0.5 W / Max 0.7 W
Sensitivity	83 dB $\pm$ 3 dB
Frequency Range	Fo – 20 kHz
Polarity	When a positive DC current is applied to the terminal marked (+), diaphragm shall move forward
Temperature Rating	-25 $^{\circ}$ C to +70 $^{\circ}$ C $\pm$ 2 $^{\circ}$ C
Humidity Resistance	Temperature: +65 $^{\circ}$ C $\pm$ 2 $^{\circ}$ C Humidity: 90 % - 95 % R.H