

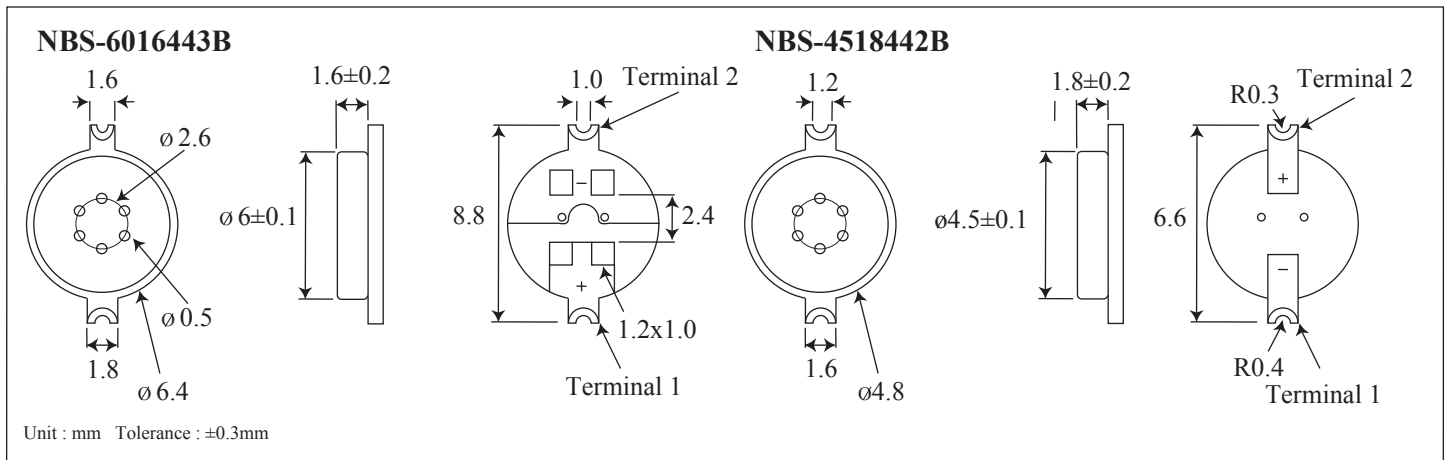
SMD Electret Microphone



Features and Applications

- Back Electret Condenser Microphone
- SMT, Reflow compatible
- RoHS Compliant
- Low Impedance
- Operating & Storage Temperature Range :
-40°C to +100°C
- Applications include Communication Equipment, Security and Home Alert, Mobile Phones, Computers & Peripherals, etc.

Package Outline Dimensions



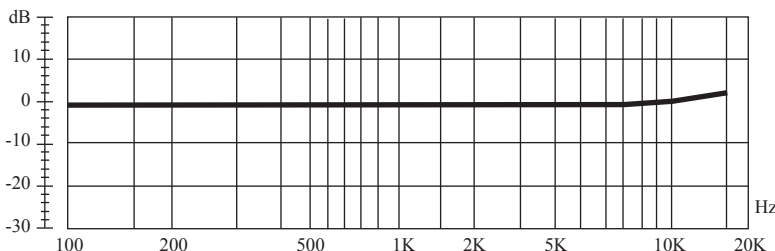
Electrical Characteristics

Part Number	Directivity	*Sensitivity (dB)	Rated Voltage (V)	Maximum Operating Voltage (V)	Current Consumption (mA)	Frequency Range (Hz)	S/N Ratio (dB)
NBS-6016443B	Omnidirectional	-44 ±3	3	10	≤ 0.5	50 ~ 16000	≥ 60
NBS-4518442B	Omnidirectional	-44 ±3	2	10	≤ 0.5	50 ~ 16000	≥ 60

Specification (all data taken at 25°C unless otherwise specified)

*Condition : 0dB = 1V/pa, 1kHz, Different sensitivity level is available upon request

Frequency Response



Applied Voltage $V_s = 2V$
Load Resistance $R_L = 2.2k\Omega$

Specification subject to change without prior notice

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