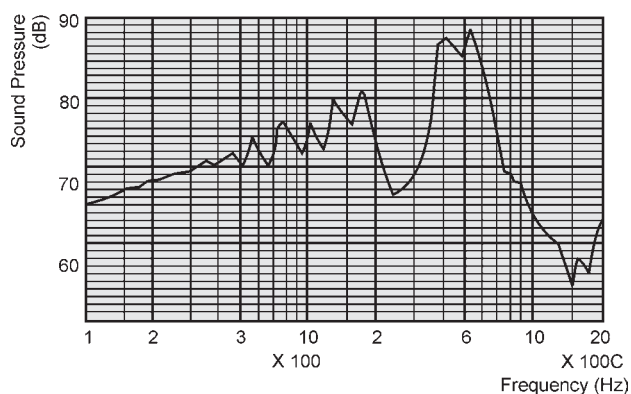
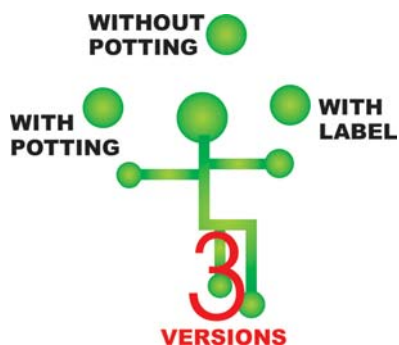


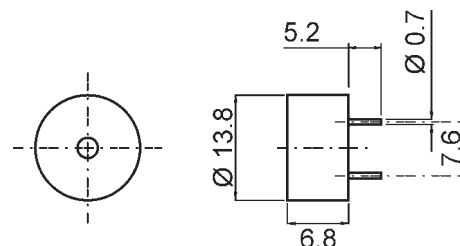


Piezo Buzzer Without Oscillator

F/EM-12P



Typischer Frequenzgang
Typical frequency response



Technische Daten / technical data:

F/EM 12P

Betriebsspannungsbereich / operating voltage range (Vp-p)	5...20
Nennspannung / rated voltage (Vp-p)	5
Nennstrom / rated current* (mA)	≤ 2
Resonanzfrequenz / resonant frequency (Hz)	4096
Lautstärke / sound pressure level (SPL)* (dBA/10cm)	≥ 80
Kapazität / capacitance (120 Hz/0,1 V)	14nF± 30%
Betriebstemperatur / operating temperature (°C)	-20...+70
Lagertemperatur / storage temperature (°C)	-30...+80
Gewicht / weight (g)	1

* Wert bei angelegter Nennspannung / Value applying rated voltage