

# Product APPLICATION Guide

## Microphone Elements- Omni Directional

Suitable for Consumer, Industrial, Medical & Transportation Applications

- Operating Voltage Range: 1.0 to 10 Volts
- Current Consumption: 0.5 mA Max
- Impedance: Max 2.2 kΩ
- S/N Ratio > 58 dB

Part Number	Microphone Technology	Size D x H (mm)	Sensitivity Range (RL=2.2KΩ)	Frequency Range	Max Sound Level
<b>PC PIN TERMINATION</b>					
PMO-4015PN-42KDQ	Electret Condenser	4 x 1.5	-42 ± 2 dB	50 Hz – 12 kHz	110 dB
PMO-4530PN-47UQ	Electret Condenser	4.5 x 3.0	-47 ± 3 dB	20 Hz – 16 kHz	120 dB
PMO-6022PN-48KDQ	Electret Condenser	6 x 2.2	-48 ± 2 dB	100 Hz – 10 kHz	115 dB
PMO-6027P-40KDQ	Electret Condenser	6 x 2.7	-40 ± 2 dB	100 Hz – 10 kHz	115 dB
PMOF-6050P-36UQ	Dynamic (Foil)	6 x 5	-36 ± 2 dB	20 Hz – 16 kHz	120 dB
PMOF-9745P-39UQ	Dynamic (Foil)	9.7 x 4.5	-39 ± 2 dB	20 Hz – 16 kHz	115 dB
PMOF-9767NP-46DQ	Dynamic (Foil)	9.7 x 6.7	-46 ± 2 dB	50 Hz – 20 kHz	115 dB
<b>SOLDER PAD TERMINATION</b>					
PMO-4015SN-42UQ	Electret Condenser	4 x 1.5	-42 ± 3 dB	50 Hz – 12 kHz	120 dB
PMO-6022SN-42UQ	Electret Condenser	6 x 2.2	-42 ± 3 dB	20 Hz – 16 kHz	120 dB
PMOF-6027NSN-36KDQ	Dynamic (Foil)	6 x 2.7	-36 ± 3 dB	50 Hz – 10 kHz	115 dB
PMOF-6050S-44UQ	Dynamic (Foil)	6 x 5	-44 ± 3 dB	20 Hz – 16 kHz	120 dB
PMOF-9745S-42UQ	Dynamic (Foil)	9.7 x 4.5	-42 ± 3 dB	20 Hz – 16 kHz	115 dB
PMOF-9767NS-40DQ	Dynamic (Foil)	9.7 x 6.7	-40 ± 2 dB	50 Hz – 20 kHz	115 dB
<b>SOLDERLESS (BULLSEYE) TERMINATION</b>					
PMO-4015MN-42HXQ	Electret Condenser	4 x 1.5	-42 ± 2 dB	50 Hz – 12 kHz	115 dB
<b>WIRE TERMINATION</b>					
PMOF-6027WN-44KDQ	Dynamic (Foil)	6 x 2.7 65mm Wires	-44 ± 3 dB	100 Hz – 10 kHz	115 dB
PMOF-9745W-42UQ	Dynamic (Foil)	9.7 x 4.5 300mm Wires	-42 ± 3 dB	20 Hz – 16 kHz	115 dB

Call 317-612-1000 or Visit [www.mallory-sonalert.com](http://www.mallory-sonalert.com) for More Details