

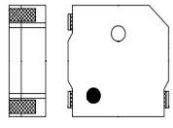


MALLORY SONALERT PRODUCTS, INC.



Product APPLICATION Guide

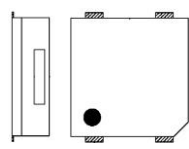
Transducers-External Drive-Electromagnetic (No Circuitry)



Surface Mount Electromagnetic
Top Sound Hole- Low Profile

Surface Mount Transducers (No Circuitry)

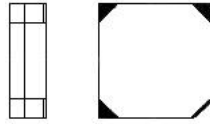
Part Number	Sound Level @ 10 cm	Freq. (Hz)	Operating Voltage (Vp-p)	Current (mA)	Coil Resistance (Ohms)	L x W x H (mm)	Comments
Electromagnetic Transducer- No Circuitry							
AST0540MW-03Q	75 @ 3Vpp	4000	2 - 4	110	12	5 x 5 x 1.4	Cut Tape
AST0540MW-03TRQ	75 @ 3Vpp	4000	2 - 4	110	12	5 x 5 x 1.4	T&R
AST0540MW-3.6Q	80 @ 3.6Vpp	4000	2 - 4	110	12	5 x 5 x 3	Cut Tape
AST0540MS-3.6TRQ	80 @ 3.6Vpp	4000	2 - 4	110	12	5 x 5 x 3	T&R



Surface Mount Electromagnetic
Side Sound Hole

Surface Mount Transducers (No Circuitry)

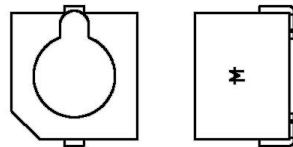
Part Number	Sound Level @ 10 cm	Freq. (Hz)	Operating Voltage (Vp-p)	Current (mA)	Coil Resistance (Ohms)	L x W x H (mm)	Comments
Electromagnetic Transducer- No Circuitry							
AST1027MW-03Q	87 @ 3Vpp	2700	2.5 - 4.5	80	18	10 x 10 x 3.2	Cut Tape
AST1027MW-03TRQ	87 @ 3Vpp	2700	2.5 - 4.5	80	18	10 x 10 x 3.2	T&R



Surface Mount Electromagnetic Side Sound Hole

Surface Mount Transducers (No Circuitry)

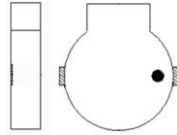
Part Number	Sound Level @ 10 cm	Freq. (Hz)	Operating Voltage (Vp-p)	Current (mA)	Coil Resistance (Ohms)	L x W x H (mm)	Comments
Electromagnetic Transducer- No Circuitry							
AST0727MW-3.6AQ	85 @ 3.6Vpp	2700	2.5 - 4.5	100	16	7.5 x 7.5 x 2.5	Cut Tape
AST0727MW-3.6ATRQ	85 @ 3.6Vpp	2700	2.5 - 4.5	100	16	7.5 x 7.5 x 2.5	T&R
AST0827MW-03Q	85 @ 3Vpp	2731	2 - 4	80	16	8.5 x 8.5 x 3	Cut Tape
AST0827MW-03TRQ	85 @ 3Vpp	2731	2 - 4	80	16	8.5 x 8.5 x 3	T&R
AST0827MW-03AQ	85 @ 3Vpp	2731	2 - 4	80	16	8.5 x 8.5 x 4	Cut Tape
AST0827MW-03ATRQ	85 @ 3Vpp	2731	2 - 4	80	16	8.5 x 8.5 x 4	T&R
AST0827MW-03BQ	80 @ 3Vpp	2700	2 - 4	100	16	8.5 x 8.5 x 3	Cut Tape
AST0827MW-03BTRQ	80 @ 3Vpp	2700	2 - 4	100	16	8.5 x 8.5 x 3	T&R
AST200Q	85 @ 3Vpp	2731	2 - 4	80	15	8.7 x 8.7 x 4	Tube
AST200TRQ	85 @ 3Vpp	2731	2 - 4	80	15	8.7 x 8.7 x 4	T&R
AST7525MAQ	85 @ 3.6Vpp	2700	2.5 - 4.5	100	15	7.5 x 7.5 x 2.5	Cut Tape
AST7525MATRQ	85 @ 3.6Vpp	2700	2.5 - 4.5	100	15	7.5 x 7.5 x 2.5	T&R



Surface Mount Electromagnetic Top Sound Hole

Surface Mount Transducers (No Circuitry)

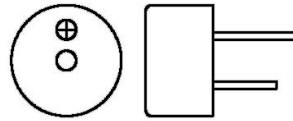
Part Number	Sound Level @ 10 cm	Freq. (Hz)	Operating Voltage (Vp-p)	Current (mA)	Coil Resistance (Ohms)	L x W x H (mm)	Comments
Electromagnetic Transducer- No Circuitry							
AST501Q	85 @ 1.5Vpp	2400	1 - 2	50	15	12.6 x 12.6 x 7.5	Sealed; Tube
AST501TRQ	85 @ 1.5Vpp	2400	1 - 2	50	15	12.6 x 12.6 x 7.5	Sealed; T&R
AST605Q	87 @ 5Vpp	2400	4 - 7	50	45	12.6 x 12.6 x 7.5	Sealed; Tube
AST605TRQ	87 @ 5Vpp	2400	4 - 7	50	45	12.6 x 12.6 x 7.5	Sealed; T&R
AST612Q	87 @ 12Vpp	2400	8 - 16	50	140	12.6 x 12.6 x 7.5	Sealed; Tube
AST612TRQ	87 @ 12Vpp	2400	8 - 16	50	140	12.6 x 12.6 x 7.5	Sealed; T&R



Surface Mount Electromagnetic Side Sound Hole

Surface Mount Transducers (No Circuitry)

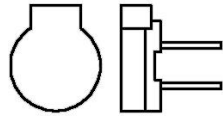
Part Number	Sound Level @ 10 cm	Freq. (Hz)	Operating Voltage (Vp-p)	Current (mA)	Coil Resistance (Ohms)	L x W x H (mm)	Comments
Electromagnetic Transducer- No Circuitry							
AST0927MW-03Q	90 @ 3Vpp	2731	2 - 5	90	16	9 x 10.5 x 2.5	Cut Tape
AST0927MW-03TRQ	90 @ 3Vpp	2731	2 - 5	90	16	9 x 10.5 x 2.5	T&R



Electromagnetic- PC Pins Top Sound Hole

Electromagnetic Transducers (No Circuitry)

Part Number	Sound Level @ 10 cm	Freq. (Hz)	Operating Voltage (Vpp)	Current (mA)	Dia x Hgt (mm)	Coil Resistance (Ohms)	PC Pin Pitch (mm c/c)	Comments
Soft Sound Level- Transducer (No Circuitry)								
PB-0627PE-01Q	70 @ 1.5Vpp	2731	1 - 2	85 @ 1.5Vpp	6 x 3.6	5.5	3	
PB-0627PE-05AQ	70 @ 5Vpp	2731	4 - 5	90 @ 5Vpp	6.6 x 3.6	25	3	
PB-0627PE-03Q	72 @ 3Vpp	2731	2 - 4	80 @ 3Vpp	6 x 3.6	16	3	
PB-0927PQ	75 @ 5Vpp	2731	4.5 - 5.5	75 @ 5Vpp	9 x 5.4	25	4	
PB-0927P-01Q	80 @ 1.5Vpp	2731	1.25 - 2.5	75 @ 1.5Vpp	9 x 5.4	6	4	
PB-1221PQ	80 @ 1.5Vpp	2048	1.25 - 2.5	18 @ 1.5Vpp	12 x 8.5	42	6.5	
PB-1221PEQ	80 @ 1.5Vpp	2048	1.25 - 2.5	15 @ 1.5Vpp	12 x 10	42	6.5	Sealed
PB-1620PQ	80 @ 1.5Vpp	2048	1.25 - 2.5	15 @ 1.5Vpp	16 x 14	40	7.6	Sealed
Medium Sound Level- Transducer (No Circuitry)								
PB-1420PL-03AQ	85 @ 3Vpp	2000	1 - 4	25 @ 3Vpp	14 x 5	40	7.6	
PB-1226PEAQ	85 @ 1.5Vpp	2600	1.1 - 3	30 @ 1.5Vpp	12 x 10	15	6.5	Sealed
PB-0927PDWQ	85 @ 5Vpp	2731	1.1 - 6	100 @ 5Vpp	9 x 5.5	25	5	
PB-1220PQ	85 @ 1.5Vpp	2048	1.25 - 2.5	40 @ 1.5Vpp	12 x 8.5	16	6.5	
PB-1220PEQ	85 @ 1.5Vpp	2048	1.25 - 2.5	32 @ 1.5Vpp	12 x 10	16	6.5	Sealed
PB-1224PEQ	85 @ 1.5Vpp	2400	1.25 - 2.5	32 @ 1.5Vpp	12 x 10	16	6.5	Sealed
PB-0927P-03Q	85 @ 3Vpp	2731	2 - 5	70 @ 3Vpp	9 x 5.4	20	4	
PB-0927PE-36Q	85 @ 3.6Vpp	2731	3 - 4	90 @ 3.6Vpp	9 x 4.5	15	4	
PB-0927PD1AQ	85 @ 5Vpp	2700	3 - 7	80 @ 5Vpp	9 x 5.5	25	4	
PB-1621PQ	85 @ 5Vpp	2048	4 - 7	60 @ 5Vpp	16 x 14	68	7.6	Sealed
PB-0927P-05Q	85 @ 5Vpp	2731	4.5 - 5.5	65 @ 5Vpp	9 x 5.4	40	4	
PB-1220P-05Q	85 @ 5Vpp	2048	4.5 - 5.5	45 @ 5Vpp	12 x 8.5	50	6.5	
PB-1220PE-05Q	85 @ 5Vpp	2048	4.5 - 5.5	60 @ 5Vpp	12 x 9.7	40	6.5	Sealed
PB-1224PE-05Q	85 @ 5Vpp	2400	4.5 - 5.5	50 @ 5Vpp	12 x 10	45	6.5	Sealed
PB-1224PE-12Q	85 @ 12Vpp	2400	9 - 15	60 @ 12Vpp	12 x 10	140	6.5	Sealed
PB-1622PQ	85 @ 12Vpp	2048	10 - 14	40 @ 12Vpp	16 x 14	145	7.6	Sealed
PB-1220PE-12Q	90 @ 12Vpp	2048	9 - 15	65 @ 12Vpp	12x10	115	6.5	Sealed



**Electromagnetic- PC Pins
Side Sound Hole**

Electromagnetic Transducers (No Circuitry)

Part Number	Sound Level @ 10 cm	Freq. (Hz)	Operating Voltage (Vpp)	Current (mA)	Dia x Hgt (mm)	Coil Resistance (Ohms)	PC Pin Pitch (mm c/c)	Comments
Soft Sound Level- Transducer (No Circuitry)								
PB-09M27PE-01Q	80@ 1.5Vpp	2731	1.25 - 2.5	90 @ 1.5Vpp	10.8 x 5.5	25	4	
Medium Sound Level- Transducer (No Circuitry)								
PB-09M27PE-03Q	85 @ 3Vpp	2731	2 - 5	70 @ 3Vpp	10.8 x 5.5	20	4	
PB-09M27PE-05Q	85 @ 5Vpp	2731	4.5 - 5.5	70 @ 5Vpp	10.8 x 5.5	40	4	

Call 317-612-1000 or Visit www.mallory-sonalert.com for More Details