

Fig.	Resonant Frequency (kHz)	Operating Voltage Range	Rated Voltage	Sound Pressure Level (dB)	Current Consumption Max (mA)	Operating Temperature Range °C	Digi-Key Part No.	Price Each				Tape and Reel Qty. Pricing		Mallory Part No.
								1	10	100	500	Qty.	Pricing	
<b>Piezo Buzzers</b>														
9	4.000	3.0 - 15Vp-p	5.0Vp-p	80	1.5	-20 - 70	458-1051-ND†	3.80	2.62	2.14	1.90	—	—	AST100Q
2	2.800	9.0 - 12Vdc	12Vdc	103	50	-20 - 90	458-1056-ND	11.32	8.61	7.38	6.65	—	—	MAS800SQ
10	2.700	6.0 - 14Vdc	6.0Vdc	95	50	-20 - 90	458-1057-ND	12.58	9.79	8.11	7.55	—	—	MAS806Q
10	2.800	5.0 - 14Vdc	12Vdc	95	50	-20 - 90	458-1058-ND	12.62	9.82	8.14	7.58	—	—	MAS806SQ
11	2.500	3.0 - 20Vdc	12Vdc	95	20	-20 - 60	458-1059-ND	7.88	5.83	4.82	4.41	—	—	MCP320B2Q
11	2.500	3.0 - 24Vdc	12Vdc	95	25	-20 - 70	458-1067-ND	8.23	5.93	4.94	4.61	—	—	PK-20A25PQ
11	3.800	3.0 - 24Vdc	12Vdc	95	15	-20 - 70	458-1069-ND	7.68	5.68	4.70	4.30	—	—	PK-20A38PQ
12	3.150	3.0 - 20Vdc	12Vdc	74	20	-20 - 85	458-1060-ND	7.23	5.35	4.43	4.05	—	—	MCP320Q
13	3.500	3.0 - 24Vdc	12Vdc	95	10	-20 - 70	458-1068-ND	8.03	5.94	4.92	4.50	—	—	PK-20A35EWQ
14	3.000	3.0 - 24Vdc	12Vdc	85	18	-20 - 70	458-1070-ND	8.65	6.23	5.19	4.85	—	—	PK-21A31PQ
15	3.000	1.5 - 30Vdc	12Vdc	80	12	-20 - 70	458-1071-ND	6.47	4.74	3.86	3.49	—	—	PK-21N30PQ
15	3.000	5.0 - 30Vp-p	5.0Vp-p	90	5	-20 - 90	458-1080-ND	4.38	3.02	2.47	2.19	—	—	PT-2130PQ
16	2.500	3.0 - 28Vdc	12Vdc	90	8	-20 - 70	458-1072-ND	7.38	5.46	4.52	4.13	—	—	PK-27N28PSQ
16	3.500	3.0 - 28Vdc	12Vdc	90	15	-20 - 70	458-1073-ND	7.38	5.46	4.52	4.13	—	—	PK-27N38PSQ
16	2.500	3.0 - 30Vp-p	5.0Vp-p	90	1.5	-20 - 70	458-1081-ND	4.41	3.04	2.48	2.21	—	—	PT-2726PQ
17	2.500	5.0 - 15Vdc	12Vdc	100	40	-20 - 70	458-1074-ND	10.58	8.05	6.90	6.33	—	—	PS-562Q
18	2.800	5.0 - 15Vdc	12Vdc	100	150	-20 - 70	458-1075-ND	12.44	9.57	8.02	7.47	—	—	PS-580Q
19	4.100	3.0 - 20Vp-p	5.0Vp-p	80	2	-20 - 70	458-1076-ND	5.56	4.02	3.30	2.94	—	—	PT-1240PQ
20	4.000	3.0 - 25Vp-p	5.0Vp-p	85	1.5	-20 - 100	458-1077-ND	2.88	1.89	1.53	1.35	—	—	PT-1540PQ
21	4.000	3.0 - 30Vp-p	5.0Vp-p	90	1.5	-20 - 90	458-1078-ND	2.63	1.79	1.38	1.22	—	—	PT-2040PQ
22	3.000	1.5 - 30Vdc	12Vdc	80	12	-20 - 90	458-1079-ND	4.35	3.00	2.45	2.18	—	—	PT-2130FPQ
23	3.500	3.0 - 28Vdc	12Vdc	88	10	-20 - 90	458-1083-ND	4.38	3.02	2.47	2.19	—	—	PT-2735FPLQ
24	3.500	3.0 - 28Vdc	12Vdc	88	10	-20 - 90	458-1084-ND	4.55	3.14	2.56	2.28	—	—	PT-2735FPQ
25	3.400	3.0 - 28Vdc	9.0Vdc	105	12	-20 - 100	458-1085-ND	5.25	3.73	3.06	2.73	—	—	PT-3534FPQ
26	4.100	1.0 - 20Vp-p	5.0Vp-p	73	1.0	-20 - 70	458-1093-1-ND†	2.82	1.85	1.50	1.32	1,000	1340.00	AST1109MLTRQ
27	4.000	1.0 - 25Vp-p	3.0Vp-p	75	2	-20 - 70	458-1094-1-ND†	2.37	1.61	1.25	1.10	1,000	1111.00	AST1240MLTRQ
28	4.000	1.0 - 20Vp-p	5.0Vp-p	75	5	-30 - 70	458-1095-1-ND†	2.99	2.03	1.57	1.40	600	685.20	AST1440MATRQ
29	3.650	1.0 - 30Vp-p	7.0Vp-p	85	5	-30 - 70	458-1096-1-ND†	2.77	1.85	1.46	1.30	300	344.10	AST1575BMATRQ
30	4.000	1.0 - 25Vp-p	3.0Vp-p	75	5	-30 - 70	458-1097-1-ND†	2.54	1.72	1.33	1.17	800	950.40	AST1628MATRQ
31	4.000	1.0 - 20Vp-p	5.0Vp-p	80	2.5	-30 - 70	458-1098-1-ND	2.42	1.56	1.20	1.05	400	347.20	AST1750MATRQ
32	4.000	1.0 - 30Vp-p	9.0Vp-p	100	8.0	-30 - 70	458-1099-1-ND	2.55	1.69	1.30	1.15	—	—	AST2311MATRQ

† For Tape and Reel part number, change 1-ND to 2-ND

† 458-KIT-ND SMD Buzzer Kit 2 each of 12 popular values. Conveniently packaged in a plastic box with bin guide. \$60.00

**Sonalert® Audible Signal Devices**



Dim. in mm

**Features:** • Low Power Consumption • Low Cost • Compact Profile • Piezo Tone Quality • Extra Loud Sound Output • PCB Mount

**Specifications:** • Operating Temperature: -20°C - 65°C

**Applications:** • Fire Alarm • Crime Prevention Alarm • Call Buzzer • Automotive • Clocks • P.O.S. Equipment • Medical Instruments • Electrical Instruments • Industrial and Safety Equipment

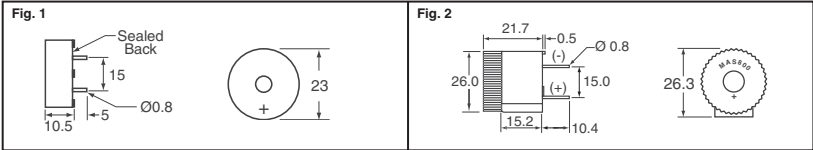


Fig.	Frequency ±400 (Hz)	Min. Sound Pressure dB (A) @ Two Feet		Operating Voltage DC (V)	Operating Current (mA)		Pulse Rate Per Second	Digi-Key Part No.	Price Each				Mallory Part No.
		@ Min. V	@ Max. V		@ Min. V	@ Max. V			1	10	25	50	
1	3850	75	86	5-16	3	14	Continuous	458-1088-ND	8.02	7.42	6.66	6.02	MSR516NR
	3900	75	86	5-16	3	12	.5 - 2 (Slow)	458-1089-ND	8.82	8.16	7.33	6.62	MSR516NJR
	3900	75	86	5-16	3	12	2 - 10 (Fast)	458-1090-ND	8.42	7.79	6.99	6.32	MSR516NPR
	3800 Avg.	75	86	5-16	3	12	2 - 4 (Siren)	458-1092-ND	14.34	13.27	11.91	10.76	MSR516XR
	3700 Avg.	75	86	5-16	3	12	5 - 7 (Whooping)	458-1091-ND	14.36	13.29	11.92	10.77	MSR516WR
	3400	75	86	3-20	3	16	Continuous	458-1087-ND	5.06	4.69	4.20	3.80	MSR320R
2	2800 ± 500 (Hz)	80	93	9-12	—	50	Continuous	458-1086-ND	9.76	9.03	8.11	7.32	MAS800Q

**TDK Audio Transducers**



Dim. in mm

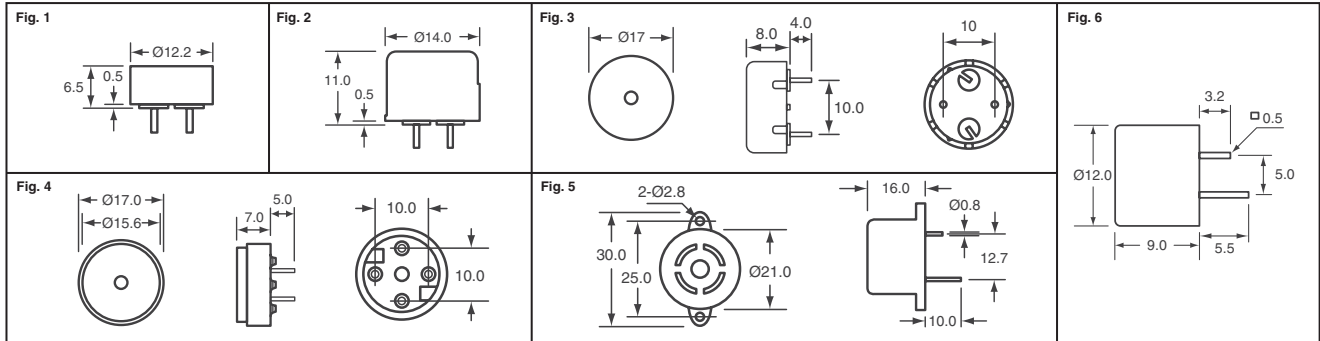


Fig.	Resonant Frequency (kHz)	Operating Voltage Range	Rated Voltage	Sound Pressure Level (dB)	Operating Temperature Range °C	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Box Qty. Pricing		TDK Part No.
							1	10	100		Qty.	Pricing	
1	4.0	3 - 30Vp-p	3Vp-p	70	-20 - 70	445-2525-1-ND	.39	.36	.29	445-2525-3-ND	500	107.00	PS1240P02AT
2	2.0	5 - 30Vp-p	5Vp-p	70	-20 - 70	445-2526-1-ND	.58	.54	.43	445-2526-3-ND	350	111.65	PS1420P02AT
3	2.0	3 - 30Vp-p	3Vp-p	70	-20 - 70	445-2527-ND	.51	.47	.38	—	—	—	PS1720P02
4	4.0	3 - 20Vp-p	3Vp-p	75	-20 - 70	445-2528-ND	.48	.44	.35	—	—	—	PS1740P02
5	3.3	4 - 15Vdc	12Vdc	75	-20 - 60	445-2529-ND	3.98	3.62	2.90	—	—	—	PB2130UP002A
6	2.048	1 - 4Vp-p	3Vp-p	80	-40 - 85	445-2530-ND	1.29	1.18	.94	—	—	—	SD1209T3-A1
						445-2531-ND	1.30	1.19	.95	—	—	—	SD1209T5-A1

More Product Available Online: [www.digikey.com](http://www.digikey.com)

Toll-Free: 1-800-344-4539 • Phone 218-681-6674 • Fax: 218-681-3380