

# PUI AUDIO Audio Transducers and Elements



ROHS Compliant This product is RoHS compliant.

## ELECTROMECHANICAL AUDIO TRANSDUCERS

### Features:

- Lower resonant frequency
- Available in multiple mounting types
- Smaller in size
- Multiple tones at multiple frequencies

### Applications:

- Appliances and white goods
- POS and Barcode Scanners
- Medical Equipment
- Hand held devices
- Test Equipment

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	PUI Part No.	Fig.	Resonant Frequency	Rated Voltage	Current Cons. (max.)	SPL Min. (10cm) (dB)	Dimensions (mm)	Price Each			
								1	25	50	100
<b>SMT Mount Type</b>											
665-SMT0540T6R	SMT-0540-T-6-R	A	4000	3	100	78 dB	3 x 5 x 5	3.13	2.81	2.50	2.38
665-SMT-0823-S-R	SMT-0823-S-R	B	2300	5	70	87 dB	4 x 8.5 x 8.5	3.02	2.79	2.42	2.11
665-SMT-0927-S-4R	SMT-0927-S-4-R	C	2700	3.6	100	85 dB	4 x 9 x 9	3.64	3.37	2.91	2.51
665-SMT0927-S-5-R	SMT-0927-S-5-R	C	2700	5	80	85 dB	4 x 9 x 9	4.00	3.64	3.19	2.73
665-SMT1028-SR	SMT-1028-S-R	D	2800	3.6	100	93 dB	3.5 x 10 10	2.88	2.62	2.29	1.94
665-SMT1028TR	SMT-1028-T-R	E	2800	3.6	100	90 dB	3.5 x 10 11	2.62	2.42	2.10	1.83
665-SMT1324TW5V-R	SMT-1324-TW-5V-R	F	2400	5	40	85 dB	6.5 x 12.5 x 12.5	3.52	3.42	3.20	2.56
665-SMT-1427-S-R	SMT-1427-S-R	-	2700	5	80	85 dB	3.4 x 14.2 x 11	2.97	2.85	2.79	2.49
665-SMT1427TR	SMT-1427-T-R	-	2700	5	80	85 dB	3.4 x 14.2 x 11	3.94	3.45	2.96	2.57
665-SMT0824SW3VR	SMT-0824-SW-3V-R	G	2400	3	60	80 dB	5.5 x 8.5 x 8.5	3.53	3.17	2.82	2.68
665-SMT0824SW5VR	SMT-0824-SW-5V-R	G	2400	3	80	80 dB	5.5 x 8.5 x 8.6	3.53	3.17	2.82	2.68
665-SMT0827SW3VR	SMT-0827-SW-3V-R	G	2700	5	60	85 dB	5.5 x 8.5 x 8.7	3.53	3.17	2.82	2.68
665-SMT0827SW5VR	SMT-0827-SW-5V-R	G	2700	5	80	85 dB	5.5 x 8.5 x 8.8	3.53	3.17	2.82	2.68
<b>PCB Mount Type</b>											
665-AT-1620-TWT-R	AT-1620-TWT-R	H	2000	6	40	85 dB	14 x 16 x 16	1.43	1.30	1.14	1.03
665-AT-1620TWT12VR	AT-1620-TWT-12VR	H	2000	12	40	85 dB	14 x 16 x 16	1.73	1.54	1.46	1.00
665-AT1031TTR	AT-1031-TT-R	H	3100	1.5	80	85 dB	6.5 x 9.6 x 9.6	5.50	4.95	4.40	4.18
665-AT-1220TTR	AT-1220-TT-R	I	2000	1.5	10	85 dB	8.5 x 12 x 12	.97	.851	.78	.597
665-AT-1224TWR	AT-1224-TWT-R	J	2400	5	40	85 dB	9 x 12 x 12	1.17	1.04	.99	.796
665-AT-1220-TT-5R	AT-1220-TT-5-R	I	2000	1.5	10	73 dB	5.5 x 12 x 12	.73	.66	.58	.55
665-AT1228TTR	AT-1228-TT-R	J	2800	1.5	40	85 dB	10 x 12 x 12	1.24	1.15	.99	.796

## PIEZO AUDIO TRANSDUCERS

### Features:

- Low resonant frequency
- Available in multiple mounting types
- Low power consumption
- Multiple tones at multiple frequencies
- High reliability

### Applications:

- Appliances and white goods
- POS and Barcode Scanners
- Medical Equipment
- Hand held devices
- Test Equipment

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	PUI Part No.	Fig.	Resonant Frequency	Rated Voltage	Current Cons. (max.)	SPL Min. (10cm) (dB)	Dimensions (mm)	Price Each			
								1	25	50	100
<b>SMT Mount Type</b>											
665-SMT1341TR	SMT-1341-T-R	K	4100	5	5	75 dB	2.5 x 12.8 x 12.8	3.13	2.89	2.69	1.96
665-SMT1640SR	SMT-1640-S-R	K	4000	5	3	70 dB	2.5 x 16 x 16	1.80	1.64	1.44	1.22
665-SMT2225TR	SMT-2225-T-R	-	2500	10	8	80 dB	5.6 x 22 x 22	2.53	2.27	2.02	1.92
665-SMT2240TWR	SMT-2240-TW-R	-	4000	10	3	90 dB	7 x 22.5 x 22.5	2.53	2.27	2.02	1.92
<b>PCB Mount Type</b>											
665-AT-1438TWR	AT-1438-TWT-R	J	3800	5	1	80 dB	6.8 X 13.8x 13.8	1.88	1.86	1.62	1.18
665-AT-1740-TT-3-R	AT-1740-TT-3-R	L	4000	3	1	78 dB	6.7 x 16.5 x 16.5	1.64	1.51	1.34	1.00
665-AT1740TTR	AT-1740-TT-R	L	4000	5	3	78 dB	7 x 16.8 x 16.8	1.58	1.42	1.26	1.10
665-AT2336TWR	AT-2336-TWT-R	N	3600	12	8	90 dB	6 x 22.5 x 22.5	2.20	1.98	1.76	1.67
665-AT2428TWR	AT-2428-TWT-R	M	3000	12	8	92 dB	12.2 x 24 x 24	1.94	1.76	1.54	1.30
665-AT-2440TWR	AT-2440-TWT-R	L	4000	3	1	80 dB	7.5 x 24 x 24	1.33	1.18	1.12	.98
665-AT2460TWR	AT-2460-TWT-R	L	6000	10	8	85 dB	4.5 x 24 x 24	1.87	1.70	1.49	.975
665-AT2720TTR	AT-2720-TT-R	M	2000	10	3.5	88 dB	9 x 26.5 x 23	1.50	1.40	1.28	1.20
665-AT-2830-TWT-R	AT-2830-TWT-R	M	3000	12	8	93 dB	12.7 x 28.5 x 28.5	1.71	1.52	1.44	1.27
665-AT3425TWR	AT-3425-TWT-R	M	2500	12	7	85 dB	11.5 x 33.6 x 33.6	3.56	3.24	2.84	2.40
665-AT-4228-TWT-F-R	AT-4228-TWT-F-R	N	2800	12	7	92 dB	14 x 42 x 42	2.11	1.92	1.68	1.58
<b>Flush and Flange Mount Type</b>											
665-AT1750TFLW95R	AT-1750-TFL-LW95-R	O	5000	10	9	80 dB	4 x 16.5 x 16.5	1.10	1.00	.88	.72
665-AT2460TFLW100R	AT-2460-TF-LW100-R	P	6000	10	8	88 dB	4 x 34 x 24	1.76	1.50	1.31	.96
665-AT3045TFLW110R	AT-3045-TF-LW110-R	Q	4500	10	11	97 dB	5.1 x 44.5 x 30	1.21	1.10	.96	.81
665-AT3237TFLW140-R	AT-3237-TF-LW140-R	R	3700	12	7	98 dB	13.5 x 44 x 32	1.80	1.64	1.44	1.22
665-AT4230TFLW135R	AT-4230-TF-LW135-R	R	3000	10	9	96 dB	16 x 60 x 41.8	2.11	1.92	1.68	1.35

## PIEZO CERAMIC BENDERS (ELEMENTS)

### Features:

- Low cost option
- Available in brass, stainless steel and nickel alloy
- Low power consumption
- Can also be used as a switch
- High reliability

### Applications:

- Appliances and white goods
- Test Equipment
- Medical Equipment
- POS and Barcode Scanners

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	PUI Part No.	Fig.	Feed-back	Resonance (Hz)	Input Voltage	Electro-static Capacitance	Dimensions: mm			Price Each			
							Ceramic Diameter	Total Thickness	Bender Thickness	1	25	50	100
665-AB1290B	AB1290B	S	No	9000	30	8000	9.0	.21	.10	.83	.74	.66	.63
665-KBI-1541	AB1541	S	No	4100	15	8000	8.4	.20	.10	.96	.83	.72	.61
665-AB2025B	AB2025B	S	No	2500	30	80000	15.0	.10	.05	.83	.74	.66	.63
665-KBI-2036F	AB2036AF	T	Yes	3700	30	20000	15.0	.21	.10	.86	.78	.68	.57
665-AB2040B	AB2040B	S	No	4000	30	25000	15.0	.28	.15	.87	.70	.665	.63
665-AB2065B	AB2065B	S	No	6500	30	14000	15.0	.42	.20	.90	.81	.65	.47
665-AB2072S	AB2072S	S	No	7200	30	10000	14.0	.43	.20	.66	.62	.51	.48
665-AB2720B	AB2720B	S	No	2000	30	45000	20.0	.23	.10	.87	.82	.77	.70
665-KBI-2734	AB2734B	S	No	3400	30	13000	14.6	.53	.30	.87	.83	.72	.61
665-AB2745BF	AB2745BF	T	Yes	4500	20	16000	20.0	.51	.25	.75	.68	.60	.50
665-AB2746B	AB2746B	S	No	4600	20	16000	20.0	.50	.25	.96	.825	.75	.66
665-KBI-3526	AB3526B	S	No	2600	30	30000	25.0	.53	.25	1.21	1.10	.96	.76
665-KBI-3529F	AB3529BF	T	Yes	2900	30	25000	25.0	.58	.30	1.25	1.14	1.00	.84
665-AB4113B	AB4113B	S	No	1300	30	150000	32.0	.40	.10	1.38	1.24	1.10	1.05
665-APS4812B-LW100-R	APS4812B-LW100-R	U	No	1200	30	65000	44.0	2.20	2.20	2.05	1.86	1.63	1.38

