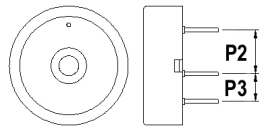




MALLORY SONALERT PRODUCTS, INC.

# Product APPLICATION Guide

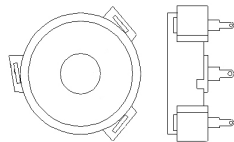


**Piezoelectric- PC Pins**

## Piezoelectric Transducers- Self Drive

Part Number	Sound Level @ 12 Vdc @ 10 cm	Freq. (Hz)	Operating Voltage (Vpp)	Current @ 12Vdc (mA)	Dia x Hgt (mm)	P2 (mm)	P3 (mm)	Comments
<b>Piezoelectric Transducer- Self Drive (with Feedback)</b>								
PT-1240FEQ	85 @ 9Vpp	4100	1 - 20	7 @ 9Vpp	13.8 x 7.5	5	2.6	
PT-2130FPQ	80	3000	1.5 - 30	12	24 x 9.5	8.5	4	
PT-2726FPQ	90	2600	3 - 28	8	30 x 10	11	7	
PT-2736FPQ	90	3500	3 - 28	8	30 x 10	11	7	
PT-2742FPQ	90	4200	3 - 28	8	30 x 10	11	7	
PT-3529FPQ	90	2900	3 - 28	8	42 x 16	10.5	8	
PT-3534FPQ	105	3400	3 - 28	12	39 x 20	10.5	8	Blade Terms

**Note:** Sound Level & Current were measured using the transducer in a simple feedback circuit

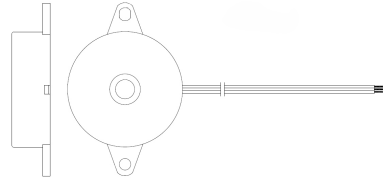


**Piezoelectric PC Pins**

## Piezoelectric Transducers- Self Drive

Part Number	Sound Level @ 12 Vdc @ 10 cm	Freq. (Hz)	Operating Voltage (Vpp)	Current @ 12Vdc (mA)	Dia x Hgt (mm)	Comments
<b>Piezoelectric Transducer- Self Drive (with Feedback)</b>						
PT-2725FPQ	85	2500	3 - 28	10	30 x 10	3 mm Standoff
PT-2725FPLQ	85	2500	3 - 28	10	30 x 10	6 mm Standoff
PT-2728FPQ	85	2800	3 - 28	10	30.5x8x33	Edge Mount
PT-2035FPQ	86	3000	3 - 28	10	23.4 x 11	3 mm Standoff
PT-2035FPLQ	86	3000	3 - 28	10	23.4 x 11	6 mm Standoff
PT-2036FPQ	86	3000	3 - 28	10	24 x 11	6 mm Standoff
PT-2036FPLQ	86	3000	3 - 28	10	24 x 11	12 mm Standoff
PT-2735FPQ	88	3500	3 - 28	10	30 x 10	3 mm Standoff
PT-2735FPLQ	88	3500	3 - 28	10	30 x 10	6 mm Standoff

**Note:** Sound Level & Current were measured using the transducer in a simple feedback circuit

**Flange Mount**

## Flange Mount Transducer- Self Drive

Part Number	Sound Level @ 12Vdc @ 30cm	Freq. (Hz)	Operating Voltage (Vpp)	Current @ 12Vdc (mA)	Size Dia x Hgt (mm)	Flange Hole Spacing ( mm c/c)	Comments
<b>Piezoelectric- Self Drive (with Feedback)</b>							
PT-2130FWQ	80	3000	1.5 - 30	12	24 x 9.5	29	3 Wires
PT-2038FWQ	85	3800	3 - 28	8	24 x 4.5	29	3 Wires
PT-2745FWQ	85	4000	3 - 28	8	30 x 5	35	3 Wires
PT-2060FWQ	85	5000	3 - 28	8	24 x 5	29	3 Wires
PT-2065FWQ	85	6000	3 - 28	8	24 x 4.5	29	3 Wires
PT-2726FWQ	90	2600	3 - 28	8	30 x 10	39	3 Wires
PT-2736FWQ	90	3600	3 - 28	8	30 x 10	39	3 Wires
PT-2742FWQ	90	4200	3 - 28	8	30 x 10	39	3 Wires
PT-3529FWQ	90	2900	3 - 28	8	42 x 16	50	3 Wires

**Note:** Sound Level & Current were measured using the transducer in a simple feedback circuit

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