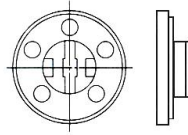


MALLORY

MALLORY SONALERT PRODUCTS, INC.

Product APPLICATION Guide



Round Bare Miniature Speaker

Bare Miniature Mylar Speaker- Round

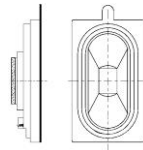
Part Number	Imp. (Ω)	Rated Power (Watts)	Max Power (Watts)	Frequency Range (kHz)	Sound Level Rated Wattage per 0.1 meters	Sound Level 1 Watt per 1 meter	Frame Matl.	Size Dia x Hgt (mm)
PSR10N08AK	8	0.30	0.50	1.2 to 20	86 @ 0.3W/0.1m	72 @ 1W/1m	Metal	10 x 2.9
PSR12N08AK	8	0.50	0.60	1.0 to 20	90 @ 0.5W/0.1m	74 @ 1W/1m	Metal	12 x 3.0
PSR-13N08A-JQ	8	0.25	0.30	1.8 to 7.0	89 @ 0.25W/0.1m	75 @ 1W/1m	Metal	13 x 5.0
PSR-18N08A-JQ	8	0.25	0.30	1.8 to 4.0	98 @ 0.25W/0.1m	84 @ 1W/1m	Metal	18 x 3.0
PSR-20N08A-JQ	8	0.25	0.30	0.9 to 5.0	94 @ 0.25W/0.1m	80 @ 1W/1m	Metal	20 x 3.0
PSR20N08AK	8	0.30	0.50	0.56 to 7.0	92 @ 0.3W/0.1m	78 @ 1W/1m	Metal	20 x 3.1
PSR-28N08A-JQ	8	0.25	0.50	0.7 to 8.0	103 @ 0.25W/0.1m	89 @ 1W/1m	Metal	28 x 4.3
PSR-36N08A-JQ	8	0.25	0.50	0.55 to 7.0	103 @ 0.25W/0.1m	89 @ 1W/1m	Metal	36 x 4.8
PSR36N08AK	8	1.0	1.5	0.57 to 5.0	104 @ 1W/0.1m	82 @ 1W/1m	Metal	36 x 4.8
PSR-40N08A05-JQ	8	0.25	0.50	0.5 to 5.0	103 @ 0.25W/0.1m	89 @ 1W/1m	Metal	40 x 5.0
PSR40N08AK	8	1.0	2.0	0.56 to 6.0	102 @ 1W/0.1m	83 @ 1W/1m	Metal	40 x 4.4
PSR44N08AK	8	0.50	0.60	0.6 to 4.0	99 @ 0.5W/.1m	83 @ 1W/1m	Metal	44.5 x 9.5
PSR-45N08A-JQ	8	0.25	0.30	0.4 to 6.0	102 @ 0.25W/0.1m	88 @ 1W/1m	Metal	45 x 4.8
PSR-57N08A01-AQ	8	0.50	1.0	0.6 to 4.0	106 @ 0.25W/0.1m	92 @ 1W/1m	Metal	57 x 8.4
PSR-11N08S-JQ	8	0.25	0.30	1.6 to 9.0	89 @ 0.25W/0.1m	75 @ 1W/1m	Plastic	11 x 4.5
PSR-20F08S-JQ	8	0.25	0.30	1.3 to 6.0	94 @ 0.25W/0.1m	80 @ 1W/1m	Plastic	20 x 5.0
PSR-27N08S01-JQ	8	0.25	0.50	0.75 to 7.0	98 @ 0.25W/0.1m	84 @ 1W/1m	Plastic	27 x 5.0
PSR-23F08S-JQ	8	0.25	0.30	0.9 to 6.5	95 @ 0.25W/0.1m	81 @ 1W/1m	Plastic	23 x 5.0
PSR-29F08S02-JQ	8	0.25	0.50	0.8 to 4.5	98 @ 0.25W/0.1m	84 @ 1W/1m	Plastic	29 x 9.0
PSR-40F08S02-JQ	8	0.25	0.50	0.8 to 5.0	100 @ 0.25W/0.1m	86 @ 1W/1m	Plastic	40 x 7.5
PSR-50F08S-JQ	8	0.25	0.50	0.5 to 5.0	105 @ 0.3W/0.1m	91 @ 1W/1m	Plastic	50 x 10.5
PSR50F25SK	25	0.20	.050	0.35 to 12	92 @ 0.2W/.1m	79 @ 1W/1m	Plastic	50 x 8.5
PSR-57F08S02-JQ	8	0.25	0.50	0.35 to 5.0	104 @ 0.3W/0.1m	90 @ 1W/1m	Plastic	57 x 12.5



PC Pin Mounted Speaker with Snap-in Tabs

PC Pin Mounted Mylar Speaker with Snap-in Tabs

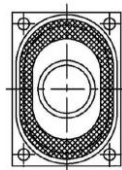
Part Number	Imp. (Ω)	Rated Power (W)	Max Power (W)	Freq. Range (kHz)	Sound Level Rated Wattage per 0.1 meters	Sound Level 1 Watt per 1 meter	Frame Matl.	Size L x W x H (mm)
PSR37N45SK	45	0.20	0.40	0.48 to 10	92 @ 0.2W/0.1m	79 @ 1W/1m	Plastic	37 x 22



Square Bare Miniature Speaker- PCB Mount

Square Bare Miniature Mylar Speaker- PCB Mount

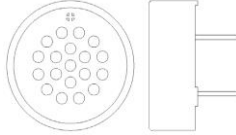
Part Number	Imp. (Ω)	Rated Power (W)	Max Power (W)	Freq. Range (kHz)	Sound Level Rated Wattage per 0.1 meters	Sound Level 1 Watt per 1 meter	Frame Matl.	Size L x W x H (mm)
PSR1511N06S3K	6	0.94	1.3	0.5 to 7.0	95 @ 0.94W/0.1m	75 @ 1W/1m	Plastic	12.6 x 8.6 x 3
PSR1511N08S2.5K	8	0.70	1.0	0.5 to 7.0	91 @ 0.7W/0.1m	72 @ 1W/1m	Plastic	12.6 x 8.6 x 2.5
PSR1511N08S3.5K	8	0.70	1.0	0.5 to 7.0	89 @ 0.7W/0.1m	71 @ 1W/1m	Plastic	12.2 x 8.2 x 3.5
PSR1511N08S3K	8	0.70	1.0	0.5 to 7.0	92 @ 0.7W/0.1m	73 @ 1W/1m	Plastic	12.6 x 8.6 x 3
PSR1609N08S3K	8	0.70	1.0	0.55 to 7.0	88 @ 0.7W/0.1m	70 @ 1W/1m	Plastic	16 x 9 x 3
PSR1813N07S2.5K	8	0.70	1.0	0.48 to 7.0	91 @ 0.7W/0.1m	73 @ 1W/1m	Plastic	18 x 13 x 2.5
PSR3520F08S7K	8	2.0	2.5	0.67 to 10	98 @ 2W/0.1m	75 @ 1W/1m	Plastic	35 x 20 x 7



Square Bare Miniature Speakers- Bracket Mount

Square Bare Miniature Mylar Speaker- Bracket Mount

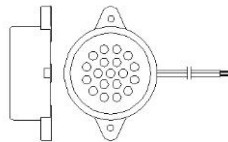
Part Number	Imp. (Ω)	Rated Power (W)	Max Power (W)	Freq. Range (kHz)	Sound Level Rated Wattage per 0.1 meters	Sound Level 1 Watt per 1 meter	Frame Matl.	Size L x W x H (mm)
PSR4028F08511.5K	8	1.0	2.0	0.39 to 15	97 @ 1W/0.1m	78 @ 1W/1m	Plastic	40 x 28.5 x 11.5



PC Pin Mount Speaker

Mylar Speaker- PC Pin Mount

Part Number	Impedance (Ω)	Rated Power (Watts)	Max Power (Watts)	Frequency Range (Hz)	Sound Level @ 10cm	Size Dia x Hgt (mm)	PC Pin Spacing (mm c/c)
PB-1517PK	8	0.30	0.50	1700 ± 200	87	15 x 17.5	7.6
PB-1715PK	8	0.20	0.50	1500 ± 200	87	17 x 8.0	7.6
PB-2315PK	8	0.10	0.15	1500 ± 200	78	23 x 8.4	10
PB-2015PQ	8	0.10	0.15	1500 ± 200	75	23 x 8.8	10
PB-2712PQ	8	0.15	0.2	1250 ± 200	85	30 x 13.5	15
PB-3212PK	8	0.10	0.20	1250 ± 200	95	31.8 x 15	17.5



Flange Mount Speaker

Mylar Speaker- Flange Mount

Part Number	Impedance (Ω)	Rated Power (Watts)	Max Power (Watts)	Frequency Range (Hz)	Sound Level @ 10cm	Size Dia x Hgt (mm)	Flange Spacing (mm c/c)
PB-2712WQ	8	0.15	0.2	1250 ± 200	85	30 x 13.5	32
PB-2015WQ	8	0.10	0.15	1500 ± 200	75	23 x 8.8	28.5

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