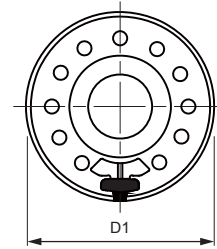
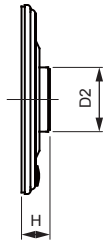




MYLAR SPEAKER ( INTERNAL MAGNET TYPE )



Unit : mm

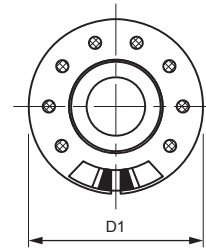
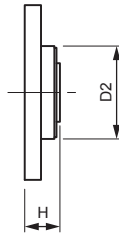
Electrical Specifications

Part Number	D1 [mm]	D2 [mm]	H [mm]	Imp. [ohm]	Rated Power [W]	Resonant Freq. [Hz]	Sound Output [dB]	Shape	Frame
MI1004-16R-C	10	7.3	3.5	16	0.008	1900 +/- 20%	78	Round	Metal w/ Cover
MI1004-8R	10	6.6	3.7	8	0.003	1100 +/- 20%	118 (IEC318)	Round	Metal
MI1003-8RW-C	10	7	3.2	8	0.003	950 +/- 20%	73	Round	Metal w/ Cover
MI1302-8R-C	13	13	2.3	8	0.2	1000 +/- 20%	82	Round	Metal w/ Cover
MI1505-16R-C	15	9.5	4.85	16	0.008	400 +/- 20%	93	Round	Metal w/ Cover
MI1505-64R-C	15	9	5	64	0.005	900 +/- 20%	90	Round	Metal w/ Cover
MI1504-32R	15	9	4.1	32	0.001	300 +/- 20%	111 (IEC318)	Round	Metal
MI1606-16R-C	16	9.5	6.2	16	0.01	800 +/- 20%	95	Round	Metal w/ Cover
MI1804-8R-P-C	18	12.8	3.6	8	0.1	1000 +/- 20%	87	Round	Plastic w/ Cover
MI2004-32RW-P	20	9.5	4	32	0.25	650 +/- 20%	91	Round	Plastic
MI2003-16R	20	11.2	3	16	0.25	750 +/- 20%	83	Round	Metal
MI2003-8RW	20	11	3.3	8	0.5	850 +/- 20%	89	Round	Metal
MI2304-8R	23	10	4	8	0.5	850 +/- 20%	82	Round	Metal
MI2604-32R	26	13.3	3.8	32	0.25	350 +/- 20%	88	Round	Metal
MI2604-16R	26	13.2	4.2	16	0.6	800 +/- 20%	83	Round	Metal
MI2604-8R	26	13.2	4.2	8	1	1200 +/- 20%	86	Round	Metal
MI2705-8R-P	27	18	5	8	0.25	500 +/- 20%	83	Round	Plastic
MI2805-32R	28	16	4.8	32	0.5	500 +/- 20%	82	Round	Metal
MI2805-8R	28	16	4.8	8	1	700 +/- 20%	86	Round	Metal
MI2804-16R	28	13.2	4	16	0.5	600 +/- 20%	86	Round	Metal
MI2905-16R-P	29	18	5	16	0.25	600 +/- 20%	82	Round	Plastic
MI3005-4R	30	13.1	5	4	0.15	400 +/- 20%	90	Round	Metal
MI3005-8R	30	13.8	4.8	8	0.5	550 +/- 20%	94	Round	Metal
MI3005-32R	30	13.8	4.8	32	0.5	700 +/- 20%	82	Round	Metal
MI3005-16R	30	15.8	5.2	16	0.5	500 +/- 20%	82	Round	Metal
MI3006-8RW-P	30	16	5.7	8	0.5	300 +/- 20%	92	Round	Plastic
MI3204-8R	32	16.2	4	8	0.5	700 +/- 20%	89	Round	Metal
MI3205-16R	32	15.5	4.6	16	1	550 +/- 20%	84	Round	Metal
MI3605-32R	36	16.6	4.8	32	0.5	550 +/- 20%	82	Round	Metal
MI3605-25R-P	36	17	4.5	25	0.2	450 +/- 20%	80	Round	Plastic
MI3605-8R	36	16.2	4.6	8	0.5	480 +/- 20%	90	Round	Metal
MI4005-8R	40	16.6	4.8	8	0.5	550 +/- 20%	88	Round	Metal
MI4006-32R-P	40	18	6.2	32	0.15	100 +/- 20%	82	Round	Plastic
MI4511-24R	45	18	11	24	0.5	800 +/- 20%	84	Round	Metal
MI4505-8R	45	16.6	5.1	8	1	450 +/- 20%	84	Round	Metal
MI5010-8R-P	50	30	9.4	8	1	360 +/- 20%	80	Round	Plastic
MI5012-8S	50	18	12	8	0.5	450 +/- 20%	85	Square	Metal w/ 4 holes
MI5018-45RT-P	50	31.4	18	45	0.5	360 +/- 20%	83	Round	Plastic
MI5010-8R	50	17	9.5	8	0.5	620 +/- 20%	86	Round	Metal
MI6618-8R	66	19	17.5	8	1	350 +/- 20%	85	Round	Metal
MI181304-16OW-P	18 * 13	-	4.1	16	0.25	1000 +/- 20%	84	Oval	Plastic
MI201404-8OW-P	20 * 14	9	4	8	0.5	750 +/- 20%	87	Oval	Plastic
MI714128-8ET	71 * 41	22	28	8	2	450 +/- 20%	86	Rectangular	Metal w/ 4 holes
MI2812-8ST-P	28 * 28	21.5	12	8	2	450 +/- 20%	90	Square	Plastic w/ 4 holes
MI2813-8ST	28 * 28	25	13.2	8	2	450 +/- 20%	87	Square	Metal w/ 4 holes
MI3416-8ST-P	34 * 34	25.7	15.5	8	2	200 +/- 20%	84	Square	Plastic w/ 4 holes
MI5018-8RT-P	50	31	18	8	0.5	320 +/- 20%	84	Round	Plastic
MI6419-8RT-P	64	31.4	19.4	8	0.5	360 +/- 20%	88	Round	Plastic

Remark: The above mentioned data is standardized. We could also tailor made the Speaker Elements for the customers.



## MYLAR SPEAKER ( EXTERNAL MAGNET TYPE )



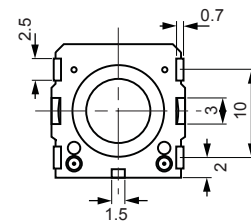
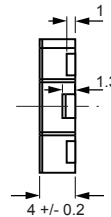
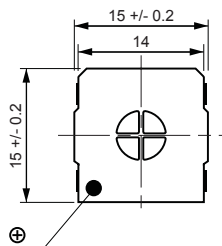
### Electrical Specifications

Unit : mm

Part Number	D1 [mm]	D2 [mm]	H [mm]	Imp. [ohm]	Rated Power [W]	Resonant Freq. [Hz]	Sound Output [dB]	Shape	Frame
ME2107-8R-P	21	16	7	8	0.1	700 +/- 20%	86	Round	Plastic
ME2107-8RW-P	21	16	7	8	0.25	850 +/- 20%	80	Round	Plastic
ME2107-16R-P	21	16	7	16	0.25	800 +/- 20%	85	Round	Plastic
ME2109-16R-P	21	16	9	16	0.25	750 +/- 20%	83	Round	Plastic
ME2707-8R-P	27	16	7	8	0.1	600 +/- 20%	80	Round	Plastic
ME2709-8R-P	27	16	9	8	0.25	750 +/- 20%	82	Round	Plastic
ME2707-32R-P	27	15	7	32	0.25	750 +/- 20%	78	Round	Plastic
ME2709-64R-P	27	16	9	64	0.25	750 +/- 20%	78	Round	Plastic
ME2909-8R-P	29	16	9	8	0.25	600 +/- 20%	90	Round	Plastic
ME2907-8R-P	29	16	7	8	0.1	750 +/- 20%	85	Round	Plastic
ME3611-8R-P	36	23	10.5	8	0.25	280 +/- 20%	85	Round	Plastic
ME3611-16R-P	36	23	10.5	16	0.25	280 +/- 20%	82	Round	Plastic
ME4012-8R-P	39.5	23	11.5	8	0.25	550 +/- 20%	79	Round	Plastic
ME4011-8R-P	40	23	10.5	8	0.25	400 +/- 20%	85	Round	Plastic
ME4010-8R-P	40	16	10.2	8	0.25	400 +/- 20%	90	Round	Plastic
ME4011-8RW-P	40	23	10.5	8	0.25	550 +/- 20%	85	Round	Plastic
ME4515-32R	45	32	14.5	32	0.5	800 +/- 20%	82	Round	Metal
ME5718-64R	57	32	18.3	64	0.5	500 +/- 20%	82	Round	Metal
ME6620-8R	66	32	20	8	0.3	450 +/- 20%	83	Round	Metal
ME7722-8R	77	32	21.6	8	1	330 +/- 20%	85	Round	Metal
ME7721-8R	77	32	21	8	0.5	320 +/- 20%	88	Round	Metal
ME8633-8S	86	60	33	8	12	450 +/- 20%	87	Square	Metal w/ 4 holes
ME10239-4S	102	60	39	4	10	450 +/- 20%	90	Square	Metal w/ 4 holes

Remark: The above mentioned data is standardized. We could also tailor made the Speaker Elements for the customers.

## SERIES: OS1515D



Unit : mm

### Electrical Specifications

Part Number	8S
Max. Input Power	0.8 W
Rated Input Power	0.5 W
Impedance	8 ohm +/- 20% [ at 2KHz, 0.5 V ]
Sound Output	87 +/- 3 dB
Resonant Frequency [Fo]	850 Hz +/- 20%
Frequency Response	Fo ~ 20KHz
Operating Temperature	-30 ~ +85°C
Weight	1.6 g