

MAIN APPLICATION	TYPE	MAGNET	
Intercom	36mm	Material	Magnet Size (Round)
		NdBFe	Ø12.5x1.5mm

GASKET	MEMBRANE	BASKET	WEIGHT	REMARKS
2.2mm ABS blue	Plastic	Metal	9.5±2g	with gasket

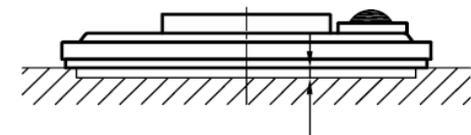
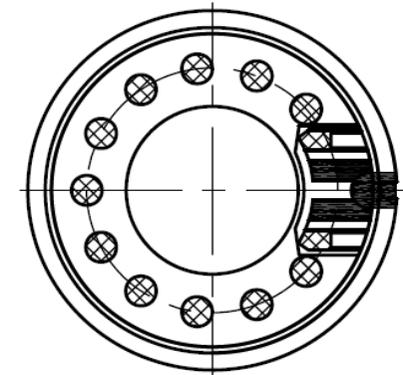
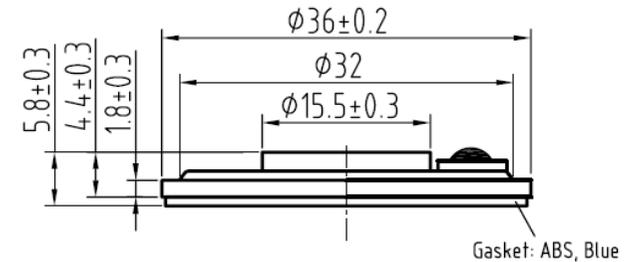
ITEM	SPECIFICATIONS	VALUES	TEST CONDITIONS
1	Dimensions	Ø36mm	per mechanical Drawings
2	Impedance	8Ω ±15%	at 1kHz / 1.0V
3	Nominal Power	1.0 Watt	
4	Max Power	1.5 Watt	
5	Resonant Frequency	380Hz ±20%	at 1.0V
6	Sensitivity (S.P.L.)	88dB ±3dB	at 0.1W/0.1m, Average .6/1.2/1.5kHz
7	Frequency Response	300Hz to 20KHz	at 0.1W/0.1m; Tolerance Max 20dB
8	THD	12% max	600Hz-5kHz 1W/0.1m
9	Storage Temperature	-25°C to +80°C guaranteed range for transportation & storage	
10	Polarity	Membrane move forward when positive DC is applied to the '+' terminal	

PACKAGING	SPECIFICATIONS
Carton size:	30.5×25.5×22cm
Qty/Carton:	400 pcs
Gross Weight:	5.2 Kg



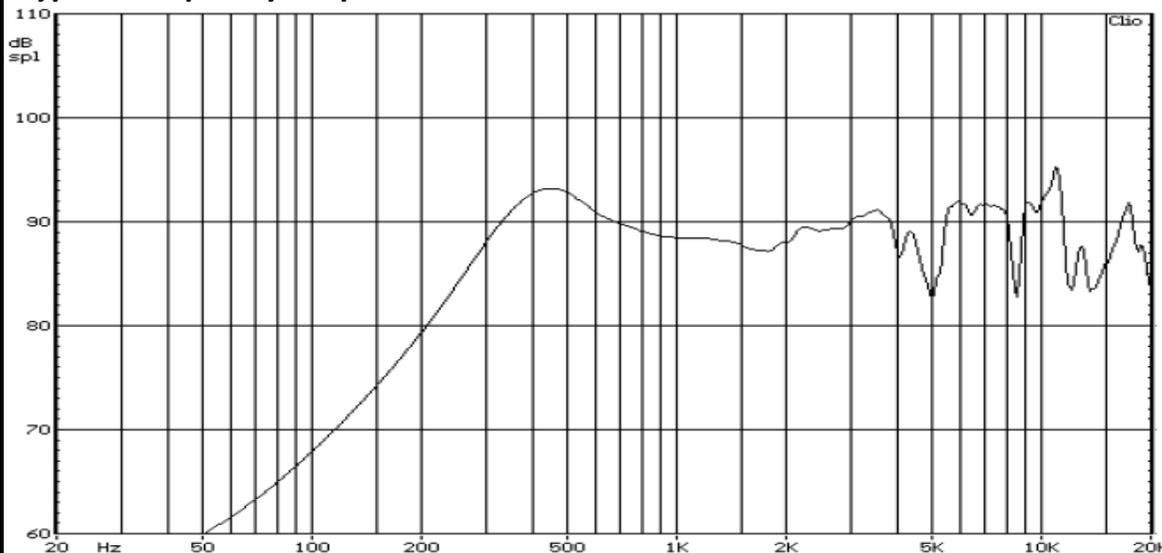
ITEM	TEST	TEST CONDITIONS	RESULT
11	Rub & Buzz	Rated Power Sin wave (speaker frequency range)	No Buzzes or Rattles.
12	High Voltage Resistance	100VAC / 1mn between terminals and frame.	Must be normal
13	Insulation Resistance	100VDC between terminals and frame.	≥ 1MΩ
14	Load	White Noise at Rated Power for 96h	After 1 hour of rest at room ambient conditions, speakers must meet specs items 2, 5, 6.
15	High Temp.	+60±3°C for 96h (random 20%-50%RH)	
16	Low Temp.	-25±3°C for 96h (random 20%-50%RH)	
17	Humidity	+40±3°C ambient and 90%RH for 96h	

Mechanical Drawings



At least 0.8mm for membrane moving
Condition: sine wave signal input, max power

Typical Frequency Response



Measured on axis at a distance of 0.1m with 0.1W input power

Part n°			
SOC36S05B8-1			
REV	DATE	SHEET	RoHS Compliance
0.2	01/08/2017	1 of 1	Yes