


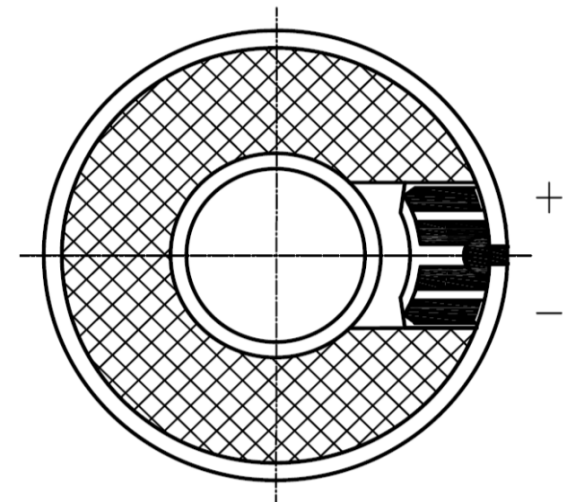
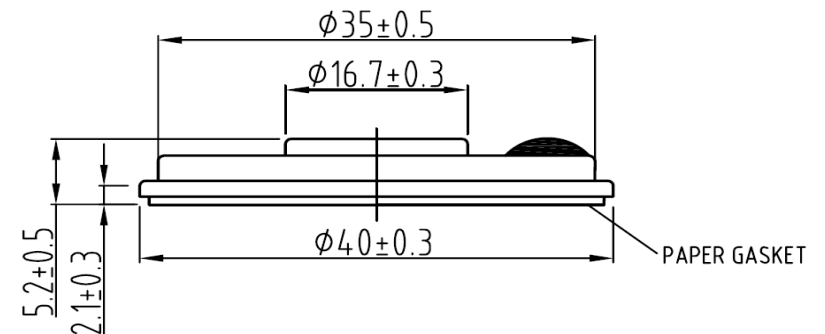
MAIN APPLICATION	TYPE	MAGNET	
Intercom	40mm	Material	Magnet Size (Round)
		NdFe	Ø12.5x1.5mm

GASKET	MEMBRANE	BASKET	WEIGHT	REMARKS
Paper	Plastic	Metal	9 g	

ITEM	SPECIFICATIONS	VALUES	TEST CONDITIONS
1	Dimensions	Ø40mm	per mechanical Drawings
2	Impedance	25Ω ±15%	at 2kHz / 1.0V
3	Rated Power	0.3 Watt	RMS
4	Max Power	0.5 Watt	Peak
5	Resonant Frequency	390Hz ±20%	at 1.0V
6	Sensitivity (S.P.L.)	84dB ±3dB	at 0.25W/0.5m, Aver. 0.6/1/1.5/2kHz
7	Frequency Response	390Hz to 4KHz	at 0.25W/0.5m; Tolerance Max 20dB
8	THD	5% max	at 1kHz 0.3W/0.5m
9	Storage Temperature	-25°C to +60°C guaranteed range for transportation & storage	
10	Polarity	Membrane move forward when positive DC is applied to the '+' terminal	

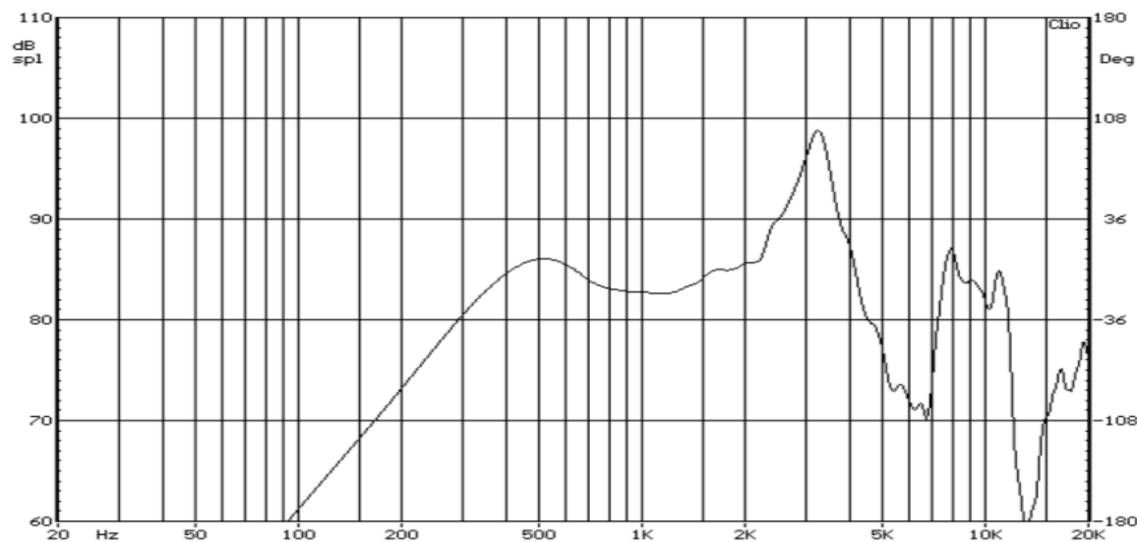
PACKAGING	SPECIFICATIONS	
Carton size:	33.5x33.5x34cm	
Qty/Carton:	500	
Gross Weight:	7Kg	

Mechanical Drawings



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	

Typical Frequency Response



Measured on axis at a distance of 0.25m with 0.5W input power

Part n°

SOC40S05BN25G-2

REV	DATE	SHEET	RoHS Compliance
0.2	01/08/2017	1 of 1	Yes + PVC fee