


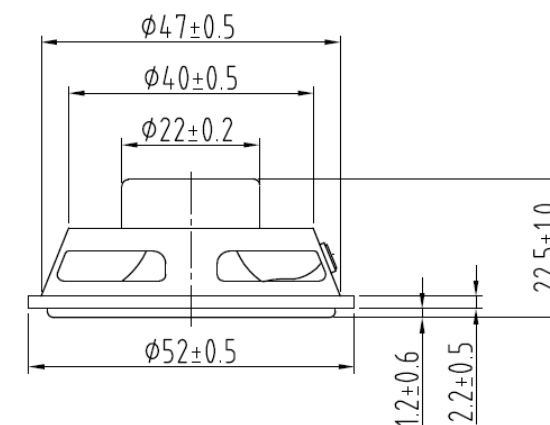
MAIN APPLICATION	TYPE	MAGNET	
Telecom Wide Band	Full Range	Material	Magnet Size (Round)
		NdFeB	Ø12.5x3.5mm

GASKET	MEMBRANE	BASKET	WEIGHT	REMARKS
-	Paper	Metal		PU suspension

ITEM	SPECIFICATIONS	VALUES	TEST CONDITIONS
1	Dimensions	Ø52mm	per mechanical Drawings
2	Impedance	4Ω ±15%	1kHz / 1.0V
3	Nominal Power	2.0 Watts	
4	Max Power	4.0 Watts	
5	Resonant Frequency	160Hz ±20%	1.0V
6	Sensitivity (S.P.L.)	87dB ±3dB	1W/0.5m, Average .4/.5/.6/.8kHz
7	Frequency Response	160Hz to 12KHz	1W/0.5m
8	THD	2% max	500Hz-7.0KHz 2.0W/0.5m
9	Storage Temperature	-25°C to +70°C guaranteed range for transportation & storage	
10	Polarity	Membrane move forward when positive DC is applied to the '+' terminal	

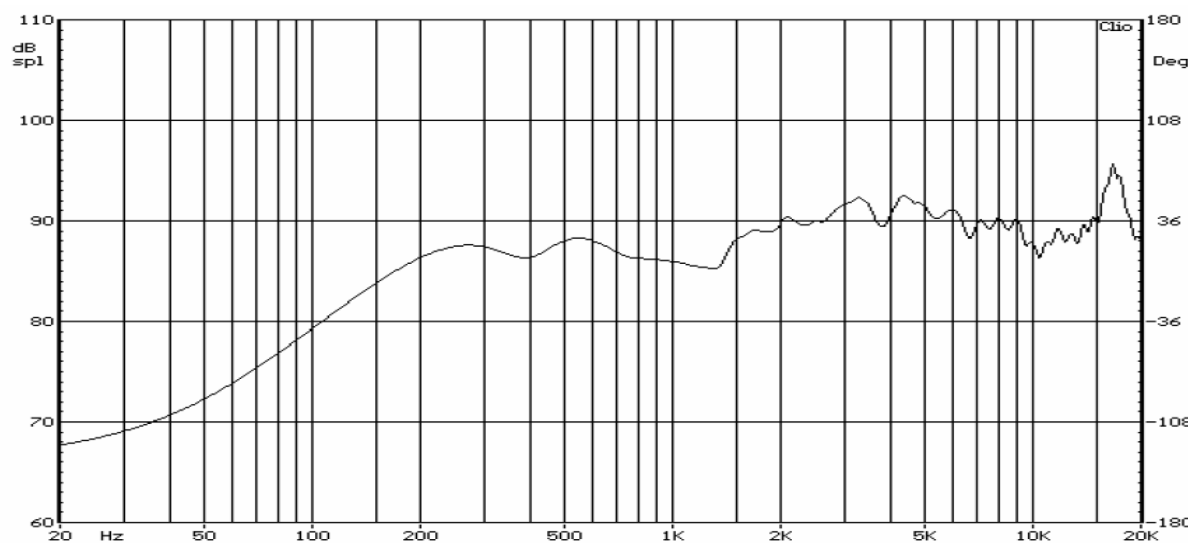
PACKAGING	SPECIFICATIONS	
Carton size:	34x34x26.5cm	
Qty/Carton:	200 pcs	
Gross Weight:	8.5 Kg	

Mechanical Drawings (in mm)

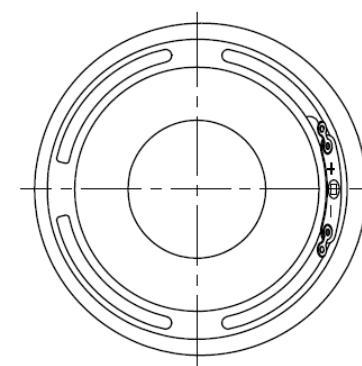


ITEM	TEST	TEST CONDITIONS	RESULT
11	Rub & Buzz	Rated Power Sin wave (speaker frequency range)	No Buzzes or Rattles.
12	High Voltage Resistance	100VAC / 1mn between terminals and frame.	Must be normal
13	Insulation Resistance	100VDC between terminals and frame.	≥ 1MΩ
14	Load	White Noise at Rated Power for 96h	After 1 hour of rest at room ambient conditions, speakers must meet specs items 2, 5, 6.
15	High Temp.	+70±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 0.5m with 1W input power



Part n°

SOC52S22DN4

REV	DATE	SHEET	RoHS Compliance
0,2	01/08/2017	1 of 1	Yes