

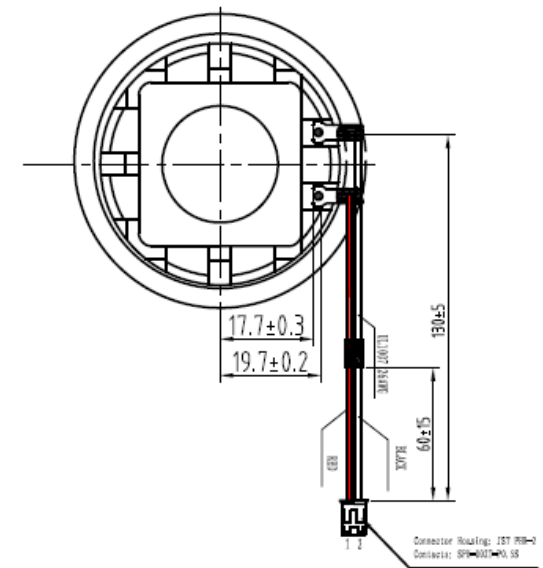
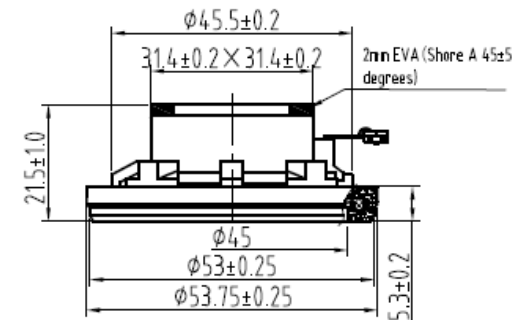
MAIN APPLICATION	TYPE	MAGNET	
Wideband Telecom	50mm	Material	Magnet Size (Square)
		Ferrite	28.5x28.5x ϕ 12.5x5mm

GASKET	MEMBRANE	BASKET	WEIGHT	REMARKS
Yes	Plastic	PC+GF	50 $\pm$ 5 g	Horizontal Tags+ Gasket Ring+Rear Pad +Cable+connector

ITEM	SPECIFICATIONS	VALUES	TEST CONDITIONS
1	Dimensions	ϕ 50mm x 21.5mm	per mechanical Drawings
2	Impedance	8 Ω $\pm$ 15%	1kHz / 1.0V
3	Rated Power	1.0 Watts	RMS
4	Max Power	2.0 Watts	Peak
5	Resonant Frequency	300Hz $\pm$ 20%	1.0V
6	Sensitivity (S.P.L.)	74.5dB $\pm$ 2dB	0.1W/1m, Average 0.8/1/1.2/1.5kHz
7	Frequency Response	300Hz to 10KHz	0.1W/1m; Tolerance Max 20dB
8	THD	2% max	1kHz 0.1W/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	

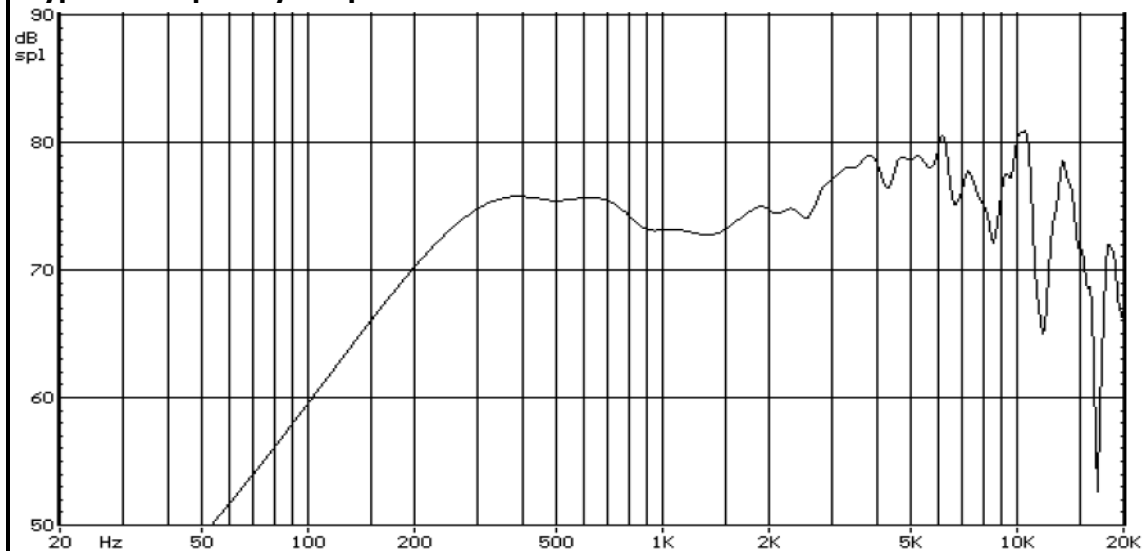
PACKAGING	SPECIFICATIONS	
Carton size:	39.5x33.3x17.5 cm	
Qty/Carton:	180pcs	
Gross Weight:	10.5 Kg	

Mechanical Drawings (units: 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.	$\geq$ 1M Ω
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 $\pm$ 3°C for 96h (random 20%-50%RH)	
16	Low Temp.	-25 $\pm$ 3°C for 96h (random 20%-50%RH)	
17	Humidity	+40 $\pm$ 3°C ambient and 90%RH for 96h	

Typical Frequency Response



Part n°

SOD20722X8CHCRP

REV	DATE	SHEET	
0.2	01/08/2017	1 of 1	RoHS Compliant