

Type Code

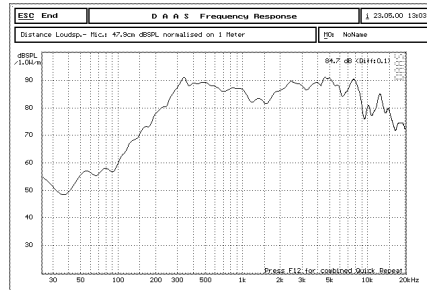
CLS50RA18.2A-8F0.5-B320:

Chinasound Loudspeaker 50mm diameter, Round ABS frame, 18.2mm height, type A(=with gasket) – 8 ohm, Ferrite, 0.5W – Black Mylar cone, 320 Hz

Picture



Frequency Response Curve Tested by DAAS 3L+



Technical Terms

Type	CLS50RA18.2A-8F0.5-B320	
Rated Impedance	(ohm)	8±15%
Rated (Max.) Power	(W)	0.5 (1)
Resonant Frequency	(Hz)	320±20%
Frequency Range	(Hz)	fo ~ 5000
SPL at 1m1W	(dB)	86±3
Coil Material	Mylar	
Operating Temperature	(°C)	-20~+60
Weight	(g)	45

*Other Rated Impedance is available. **Average of SPL values at 800, 1000, 1200 & 1500 Hz.

Reliability

No.	Test Item	Description
1	Buzzes & Rattles	Must be normal at 4V(=0.5W) sine wave
2	Load Test	0.5W white noise for 96hrs
3	High Temperature	+60+/-2 °C for 16 hours
4	Low Temperature	-20+/-2 °C for 16 hours
5	Humidity	+40+/-2C°, 90 ~ 95% R.H. for 48hrs
6	Thermal Shock	-10 °C+/-2 °C, 30min→+20 °C, 15min,→+40 °C+/-2 °C, 30min→+20 °C, 15min, 5 cycles
7	Vibration	1.5mm with 10 to 50Hz of vibration frequency to each of 3 perpendicular direction for 2 hrs

All specifications must be satisfied after the test (Recovery:2 to 4 hrs of recovery under the standard condition after the removal from test chamber).

Dimensions (Unit:mm)

