



KEYRIN
ELECTRONICS CO., LTD.

Customer :

Model No. : 50-8B-04M

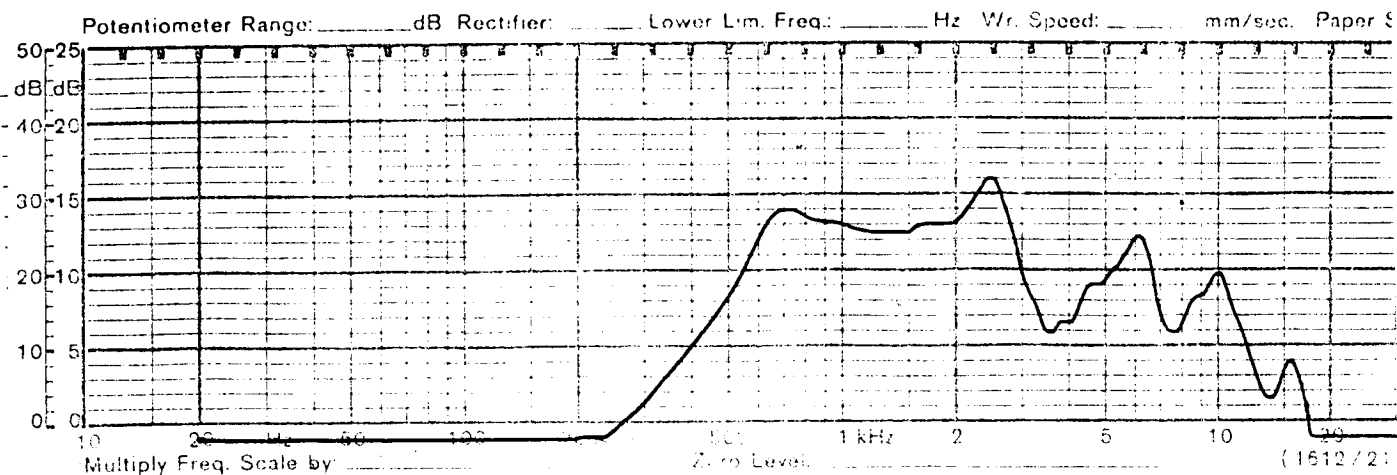
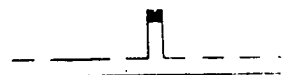
ITEMS.		SPECIFICATIONS.
01	Type.	Micro dynamic speaker.
02	Dimension.	External diameter 50 mm.
03	Rated Input Power.	1 W
04	Impedance.	8 ohm \pm 15 % at 1 V 1 KHz.
05	Resonance Frequency(Fo).	650 Hz \pm 20% at 1V.
06	Sensitivity (S.P.L).	87 dB/W(1M) \pm 3 dB at AVE 0.8K, 1K, 1.2K, 1.5K (Hz).
07	Frequency Range.	Fo - 6 KHz.
08	Distortion.	Less than 3 % at 1 KHz 1 W.
09	Max. Input Power.	must be normal for one minute. 1.5 W
10	Voice Coil.	Diameter 13.25 mm
11	Magnet.	Rare earth permanent magnet 12.5 mm x 1.5 mm.
12	Flux Density.	6600 Gauss (min.)
13	Weight.	12.21 g \pm 1 g.
14	Appearance.	Should not exist any obstacle to be harmful to normal operation; damages, cracks, rusts and distortions, etc.
15	Operation Test.	Must be normal at program source 1 W.
16	Buzz, Rattle, etc.	Should not be audible at 3.1 V sine wave between 650 Hz to 6 KHz.
17	Polarity.	When voltage is applied to the terminal marked (+) and (-), diaphragm should move to the front.
18	Terminal Strength.	Capable of withstanding 1.5 kg load for 15 seconds without resulting in any damage or rejection.
19	Load Test.	1 W white noise is applied for 24 hours and satisfy the tests listed on item 05, 06, 14, 15 and 16.

20	High Temp. Test.	Keep 72 hours at + 60°C ± 3°C and leave 3 hours in normal temperature and then check.
21	Low Temp. Test.	Keep 72 hours at - 20°C ± 3°C and leave 3 hours in normal temperature and then check.
22	Humidity Test.	Keep 72 hours at + 40°C ± 3°C & relative humidity 95% and leave 3 hours in normal temperature and then check.
23	Drop Test.	Drop the speakers contained in normal box onto the board 20mm thick 10 times from the height of 0.75m and then should satisfy the tests listed on item 14 and 16.

F R E Q U E N C Y - R E S P O N S E .

*** Measurement Condition.**

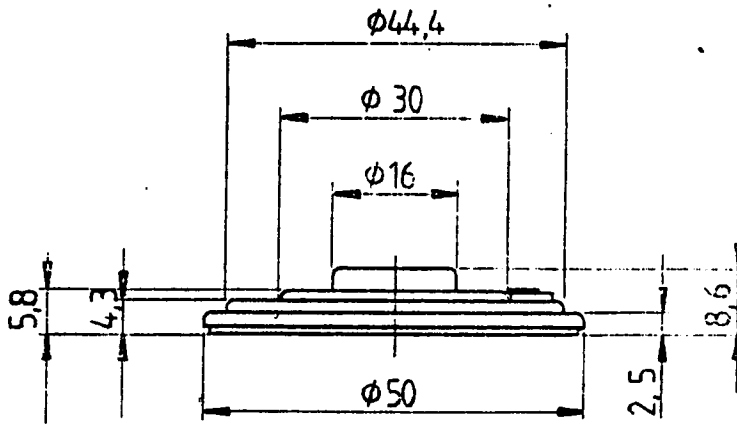
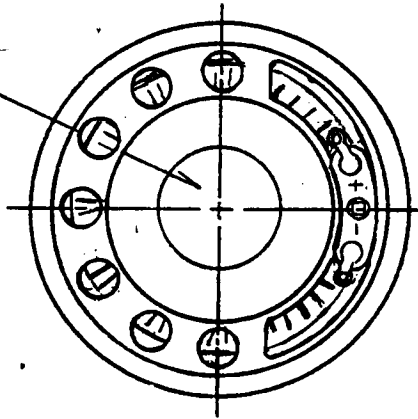
- Microphone. : Leader LM063
- Standard Baffle Box. : 10cm x 10cm x 10cm ; 1000cc.
- Testing Distance. : 0.1 m.
- Zero Level. : 60 dB.
- Paper Speed. : 10mm/Sec.
- Input Power. : 1 W.
- Potentiometer Range. : 50 dB.
- Response Time. : 0.5 Sec.



DATE	CODE		SIGN			
	1					
	2					
	3					

MAKING STICKER

KEYRIN
50-8B-04M
8Ω 1,5W
+



DRAW NO	NOMENCLATURE			MATERIAL	TREATMENT
SCALE 1:1	50-8B-04M DIMENSION				
TOLERANCE	DRAW. BY	CHED. BY	APP. BY	DRAWING NO.	931009
±0.2	林信	林信	林信	50-8B-04M-200-10	