

DYNAMIC SPEAKER

Customer	
Customer P/O	
Customer Spec. No.	
Bestar Model Name	FE23032PCW-II-D
Product No.	060302
Issue No.	BS/TES01.271A
Issue Date	04/7/22

Approval:

1. 特性 *Characteristic*
2. 外形图 *Drawing*
3. 可靠性试验 *Reliability test*
4. 包装 *Packing*

设计 Dis	审核 Chec.	批准 Appr.	版本 Revision		
			No.	日期 Date	内容 Contents
			0		
			1		
			2		
			3		



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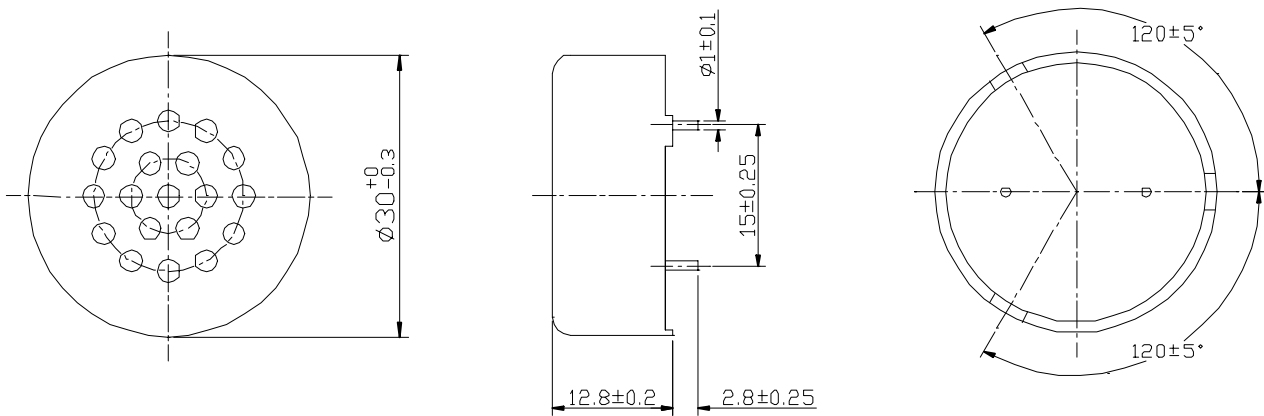
BDT-3032(FE23032PCW-II-D)




1. 特性 Characteristics

NO	Item 项目	Specification 规格
1	阻抗 Impedance	32 Ω ± 10%
2	额定功率 Rated input power	0.15W
3	最大功率 Max input power	0.2W
5	频率响应 Frequency response	1000-4000HZ
6	输出声压 Output SPL	参照表格1 Values are shown in table 1
7	纯音测听 Buzzes and Rattles	2. 2V测试时无异常音 Must be normal sine wave 2.2V
8	音圈 Voice coil	∅ 0.036黄色的铜 ∅ 0.036 CU Yellow
9	工作温度 Operating temperature	-40...105 °C
10	重量 Weight	9g

2. 外形图 Drawing

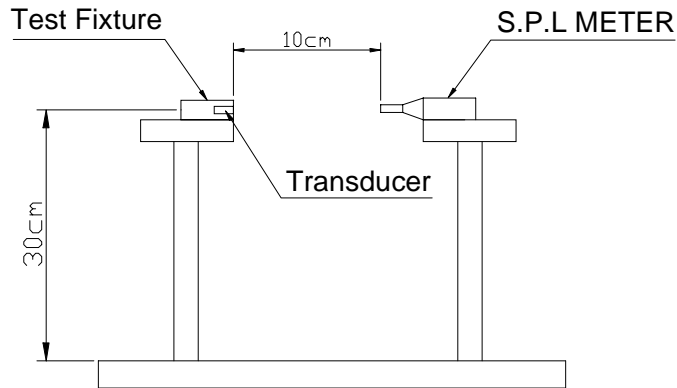


	签名 NAME	日期 DATE	Page:1 of 3 3rd angle projection	BDT-3032 (FE2032PCW-II-D)
设计 DIS.				扬声器 Speaker
审核 CHEC.				
批准 APPR.				
 BESTAR ELECTRONICS INDUSTRY CO.,LTD 博士达电子有限公司				DRG NO BS/TES01.271A

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The sound pressure level is measured according to the test assembly shown in picture 1

按图1要求测试声压



picture 1

Test conditions 测试要求

The test assembly is in free field or a test room with min 2m × 2m ground and 2m high

Distance between loudspeaker and SPL meter=10cm

Trigger voltage is 5.6Vp-p, 50% duty square wave signal

The trigger signal comes from a function generator FG100. The trigger voltage is adjusted to 5.6Vp-p constant voltage.(in case of load)

该测试装置要在宽敞的地方或在一个长，宽，高都为2m的测试房测试
产品和SPL测试仪器的距离为10cm

测试电压为5.6Vp-p，50%占空比，单向方波。

该触发信号由FG100函数发生器产生，把电压调整到5.6Vp-p。

Values of SPL

声压测试结果

Frequency /Hz	Min SPL /dBA	Max SPL /dBA
720	88	98
750	88	98
900	88	98
1000	90	100
1600	98	108
1900	95	105
2000	95	105

table 1

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设计 DIS.			3rd angle projection	扬声器 Speaker
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3. 例行实验 *Reliability*

3-1) 高温实验 High temperature test

温度 Temp. +105 c
 历时 Duration 96hrs

3-2) 低温实验 Low temperature test

温度 Temp. -40 c
 历时 Duration 96hrs

3-3) 湿度实验 Moisture temperature test

温度 Temp. +65 c
 相对湿度 Relative humidity 90...95%RH
 历时 Duration 48hrs

3-4) 跌落实验 Drop test

高度 Height 70cm
 方向 Direction X.Y&Z 3axis

(Dropped in the packing to 10mm thickness wooden board)

跌落在10mm厚的木版上

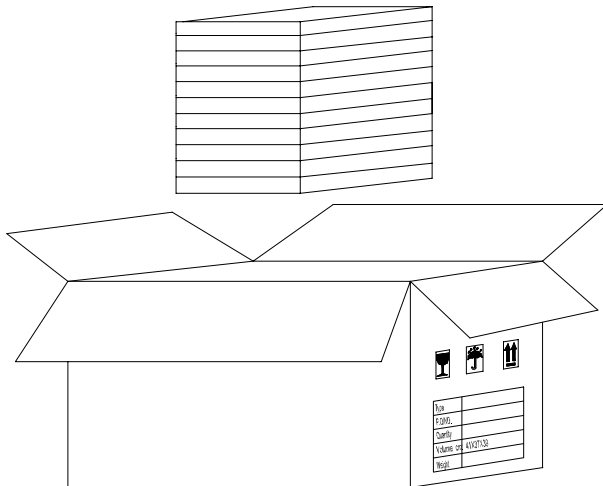
After each test of 3-1 to 3-3, speakers should be measured after 2hrs exposed in normal temperature.

After each test, performance should be satisfied with spec.


在作3-1至3-3每个实验后，产品应在常温下放置两小时后在测试。

每次实验后，产品外观要满足要求。

4. 包装 *Packing*



Remark :
 50pcs per tray 50只/盒
 20 trays per carton 200只/箱

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