

SPECIFICATION FOR DYNAMIC SPEAKER

TOTAL PAGE 06

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RoHS

Customer		Model Name	BLS2027-11-08H7.8 LF
Customer P/N		Product No.	121610
Date	04 Jul .2011	Issue No.	BS/TES01.1163A
Page	01 of 06	Issue Date	2011/07/04

Approval:

Description
 Characteristics
 Drawing
 Reliability Test
 Packing
 History Change Record

Drawn by	Checked by	Approved by	Customer approved

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6 5 4 3 2 BLS2027-11-08H7.8 LF 1.Description 1.1 Acoustic component Performance Specification 1.2 1.1 Acoustic component Performance requirements for the acoustic characteristics of speaker 2. 2. Characteristics 2. 2. Characteristics 2. 2. Characteristics 2. 3. Rated Input Power 2.0W 4. Maximum Input Power 3.0W 5. Resonance Frequency 570Hz ±20% 6. Frequency Response F0-10KHz 7. S.P.L 86±3dB/0.1W /0.1m at 0.8,10.12,1.5KHz ave 8. T.H.D <5% at 2.0W/1KHz 9. Magnet Ø11.5×1.5mm 10. Buzzes & Rattles Must be normal at sine wave 4.0Vrms 11. Polarity Positive voltage to (+).Diaphragm moves forwart 12. Operating Temperature -30-+70°C 13. Storage Temperature -40-+ 85°C 2.2 Test Method Power Amplifier 9. Magnet 0.10.10.10.10.10.10.10.10.10.10.10.10.10	Best		
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Speaker			
Rev. Date Drawn Note Approved by: 李红元 BESTAR ELECTRONICS INDUSTRY CO.,LTD DRG NO: BS/TES01.1163A	Page:02 of 06		

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	4.Reliability Test				
	4.1 Load Test Power (Nom) Duration		2.0W(white no 96hrs	ise)	
	4.2 High Temperature Test Temperature Duration		+85±2°C 96hrs		
	4.3 Low Temperature Test Temperature Duration		-40±2°C 96hrs		
	4.4 Damp Heat Temperature Relative Humidity Duration		40±2°C 90%-95%RI 24hrs	H	
	4.5 Temperature Cycle Test Cycles		5		
	T(°C) 65°C	90~95%RH			
	25°C	6	0.5 5	t (h)	
-	4.6 Drop Test Height Drop face		1.0m thick board (20	Dmm)	
	Times 4.7 Terminal Strength Test	Se	10 Capable of withstan conds without result r rejection	d 1kg load for 30	
	Notice: 1.All these tests above s for 2hrs. 2.Sensitivity difference a after test.	should be measu	ured after leaving no		
		Date: Drawn by:	2011/07/04 王文邦	BLS2027-11-08H7	′.8 LF
A	2011/07/04 王文邦	Checked by:	王 平	Speaker	
Rev		Approved by:	李红元		
	BESTAR ELECTRONICS IND	USTRY CO.,LT	D <u>e-star.com</u> <u>wu@be-star.com</u>	DRG NO: BS/TES01.1163A	Page:04 of 06
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