# **SPECIFICATION** FOR AUTOMOTIVE SPEAKER

Customer	
Customer P/N	
Bestar Model Name	BMS3650P1-LF
Product No.	133306
Issue No.	BS/TES01.031C
Issue Date	08/05/14

### Approval:

1.Characteristics 2.Notice 3.Dimension 4.Bill of Material 5.Reliability Test 6.Packing 7. History change record

Drawn by	Checked by	Approved by	Customer approved
丁小军	莫丽丽	郭 敏	



Bestor bestar electronics industry co.,Ltd No.199 HuangHe West Road.New district, changzhou, jiangsu Province, P.R.China Tel:86-519-88222567 Fax:86-519-88222551 Http:<u>www.be-star.com</u> E-mail: wu@be-star.com, info@be-star.com

## BMS3650P1-LF

### 1. Characteristic

1.1 Electrical and Mechanical Characteristics



B

1	Rated input	1W		
2	Maximum input	1.5W		
3	Resonance Frequency	540 ±150Hz		
4	Frequency Response	3506000Hz		
5	Impedance(at 1500Hz)	50ohm ±15%		
6	Output SPL	min79dB (12V DC power special circuit 30cm )		
7	Buzzes & Rattles	must be normal at sine wave7.07V		
8	Magnet	Nd-Fe-B		
9	Diaphragm	PEI Film		
10	Operation temperature	-40 °C+85°C		
11	Storage temperature	-40 ° C+85° C		

### 2.Notice

#### 2.1 Storage Condition

The products should be stored in the room ,where the temperature/humidity is stable. And avoid such places where there are large temperature changes. Please store the products at the following conditions:

Temperature: -10 to + 40°C Humidity: 15 to 85% R.H.

#### 2.2 Expire Date on Storage

Expire date (Shelf life) of the products is six months after deliveried under the conditions of a sealed and an unopened package. Please use the products within six months after deliveried. If you store the products for a long time (more than six months), use carefully because the products may be degraded in the solderability and/or rusty.Please confirm solderability and characteristics for the products regularly.

#### 2.3 Notice on Product Storage

(1) Please do not store the products in a chemical atmosphere (Acids, Alkali, Bases, Organic gas, Sulfides and so on), because the characteristics may be reduced at quality, and/or be degraded in the solderability due to the storage in a chemical atmosphere.

(2) Please use the products immediately after the package is opened, because the characteristics may be reduced at quality, and/or be degraded in the solderability due to storage under the poor condition.

					Date:		08/05/14	BMS365	BMS3650P1-LF			
	С	08/05/14	丁小军		Drawn by:		丁小军	Billoode				
A	А	03/01/03	王善梅		Checked by	/:	莫丽丽	Speak	Speaker			
	Rev.	Date	Drawn	Note Approved by: 张秀琴 Spea					EI			
BESTAR ELECTRONICS INDUSTRY CO., LTD www.be-star.com wu@be-star.com drg NO: BS/TES01.031C								Page:1 of 6				
		6	5		4		3	2		1	-	

This print and information there in are proprietary to Bestar Electronics Industry Co., Ltd. and shall not be used in whole or in part without its written content E

D

B



This print and information there in are proprietary to Bester Electronics Industry Co., Ltd. and shall not be used in whole or in part without its written content



Dwell time     30 Min each temperature       Duration of whole test     240 h       dynamic operation with maximum rated voltage       5.2 Heat Test       Temperature     +85 °C±2       Duration     96hrs       5.3 Cold Test       Temperature     -40 °C±2       Duration     96hrs       5.4 Moisture Test       Temperature     +85 °C±2       Humidity     85%RH       Duration time 1 h       5.5. Temperature     -40 °C       Upper temperature     -485 °C       Ventilation time 1 h     5.5       5.5. Temperature     -40 °C       Upper temperature     -485 °C       Dwell time each temperature     30min.       Transfer time from lower to upper temperature < 10s     Number of cycles       Number of cycles     100       5.6 Vibration Test     Range of frequency 1       Range of frequency 2     55 to 2000Hz       Amplitude     10g       Frequency sweep     1 oct/min       Duration     2h each of 3 axis       5.7 Drop test     Drop the speaker contained in normal box on to the boad 20mm       Drop the speaker con								Acou
5.Reliability test     9.1 Life Test/Load test/temperature cycling Lower temperature     1.1 Life Test/Load test/temperature     1.1 Life Test/Load test     1.1 Temperature     1.1 Life Test/Load test     1.1 Temperature     1.1 Temperature     1.1 Temperature     1.1 Temperature     1.1 Temperature Test		6	5		4	3	2	1
5.Reliability test       1.1 Life Test/Load test/temperature cycling:       Lower temperature     40°C       upper temperature     40°C       upper temperature     240 h       dynamic operation with maximum rated voltage       5.2 Heat Test       Temperature     40°C C± 2       Duration     96hrs       5.3 Cold Test       Temperature     40°C C± 2       Duration     96hrs       5.4 Moisture Test       Temperature store     40°C C± 2       Duration     96hrs       6.4 Moisture Test       Temperature store     40°C C± 2       Duration     96hrs       7.5 Cure temperature store     40°C C± 2       Duration     56days       Recovery conditions: Climatic condition standard atmospheric       Ventilation time 1 h       1.0 Wetlitime each temperature store       1.0 Wetlitime each temperature store       2.6 Vibration Test       Range of frequency 1     10 to 55Hz       Amplitude     10g       Prequency sweep     10 ctrimic       Duration     2.6 to 5.0 2000Hz       Amplitude     10g								
5.Reliability test       5.1 Life Test/Load test/temperature cycling Lower temperature       Lower temperature     -40°C upper temperature       upper temperature     -40°C upper temperature       Duration of whole test     240 h dynamic operation with maximum rated voltage       5.2 Heat Test     Temperature       Temperature     485 ° C± 2 Duration       Duration     96hrs       5.3 Cold Test     Temperature       Temperature     495 ° C± 2 Duration       Duration     96hrs       5.4 Moisture Test     Temperature       Temperature     495 ° C± 2 Humidity       Besovery conditions: Climatic condition standard atmospheric       Ventilation time 1 h     5.5 Temperature shock       Low temperature     -40 ° C       Upper temperature     -40 ° C       Upper temperature     30min.       Transfer time from lower to upper temperature < 10s	-							
5.1 Life Test/Load test/temperature     -40°C       upper temperature     -40°C       upper temperature     -40°C       upper temperature     -240 h       dynamic operation with maximum rated voltage     5.2       5.2 Heat Test     Temperature       Temperature     +85 ° C± 2       Duration     96hrs       5.3 Cold Test     Temperature       Temperature     -40 ° C± 2       Duration     96hrs       5.4 Moisture Test     Temperature       Temperature     -40 ° C± 2       Humidity     85%RH       Duration     96hrs       5.5 Chuetter     Temperature       -40 ° C     2       Upper temperature     -40 ° C       Dwell time each temper	Ŀ	3111236	DOP1-LF					
5.1 Life Test/Load test/temperature     40°C       upper temperature     40°C       upper temperature     40°C       upper temperature     30 Min each temperature       Duration of whole test     240 h       dynamic operation with maximum rated voltage     5.2 Heat Test       Temperature     +85 °C±2       Duration     96hrs       5.3 Cold Test     -40 °C±2       Temperature     +85 °C±2       Muration     96hrs       5.4 Moisture Test     -40 °C       Temperature     +85 °C±2       Humidity     85%RH       Duration     96hrs       5.5 Temperature     +40 °C       Upper temperature     +45 °C       Duration     96hrs       5.5 Temperature shock     Low temperature       Low temperature     -40 °C       Upper temperature     +45 °C       Dwell time each temperature     30min.       Transfer time from lower to upper temperature 10s     Number of cycles       Number of cycles     100       5.6 Vibration Test     Range of frequency 2     55 to 2000Hz       Amplitude     10g <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
5.1 Life Test/Load test/temperature     40°C       upper temperature     40°C       upper temperature     40°C       upper temperature     30 Min each temperature       Duration of whole test     240 h       dynamic operation with maximum rated voltage     5.2 Heat Test       Temperature     +85 °C±2       Duration     96hrs       5.3 Cold Test     -40 °C±2       Temperature     +85 °C±2       Muration     96hrs       5.4 Moisture Test     -40 °C       Temperature     +85 °C±2       Humidity     85%RH       Duration     96hrs       5.5 Temperature     +40 °C       Upper temperature     +45 °C       Duration     96hrs       5.5 Temperature shock     Low temperature       Low temperature     -40 °C       Upper temperature     +45 °C       Dwell time each temperature     30min.       Transfer time from lower to upper temperature 10s     Number of cycles       Number of cycles     100       5.6 Vibration Test     Range of frequency 2     55 to 2000Hz       Amplitude     10g <td< td=""><td>Ę</td><td>5.Reliabi</td><td>litv test</td><td></td><td></td><td></td><td></td><td></td></td<>	Ę	5.Reliabi	litv test					
Lower temperature   +45°C     upper temperature   +85°C     Duration of whole test   240 h     dynamic operation with maximum rated voltage     5.2 Heat Test     Temperature   +85°C±2     Duration   96hrs     5.3 Cold Test     Temperature   +40°C±2     Duration   96hrs     5.4 Moisture Test     Temperature   +45°C±2     Humidity   85%RH     Duration   96hrs     5.4 Moisture Test   -40°C     Temperature   +45°C±2     Humidity   85%RH     Duration   56days     Recovery conditions: Climatic condition standard atmospheric     Ventilation time 1 h     5.5 Temperature shock     Low temperature   -40°C     Upper temperature   -40°C     Number of cycles   100     5.6 Vibration Test   Range of frequency 1     Range of frequency 1   10 to 55Hz								
Lower temperature   +45°C     upper temperature   +45°C     Duration of whole test   240 h     dynamic operation with maximum rated voltage     5.2 Heat Test     Temperature   +85°C±2     Duration   96hrs     5.3 Cold Test     Temperature   +485°C±2     Duration   96hrs     5.4 Moisture Test     Temperature   +485°C±2     Humidity   85%RH     Duration   56days     Recovery conditions: Climatic condition standard atmospheric     Venilation time 1 h     5.5 Temperature   -40°C     Upper temperature   -40°C     Number of cycles   100     5.6 Vibration Test   Range of frequency 1     Range of frequency 2		5.1 Life	e Test/Load t	est/temperatu	ure cvclina			
upper temperature   +85°C     Dwell time   30 Min each temperature     Duration of whole test   240 h     dynamic operation with maximum rated voltage   5.2 Heat Test     Temperature   +85 °C±2     Duration   96hrs     5.3 Cold Test   -40 °C±2     Duration   96hrs     5.4 Moisture Test   -40 °C±2     Temperature   +85 °C±2     Humidity   85%RH     Duration   56days     Recovery conditions: Climatic condition standard atmospheric     Venillation time 1 h     5.5 Temperature   +48 °C     Upper temperature   -40 °C     Upper temperature   30min.     Transfer time from lower to upper temperature < 10s				-		-40°C		
Dwell time   30 Min each temperature     Duration of whole test   240 h     dynamic operation with maximum rated voltage     5.2 Heat Test     Temperature   +85 °C±2     Duration   96hrs     5.3 Cold Test     Temperature   -40 °C±2     Duration   96hrs     5.4 Moisture Test     Temperature   +85 °C±2     Humidity   85%RH     Duration   56days     Recovery conditions: Climatic condition standard atmospheric     Ventilation time 1 h     5.5 Temperature shock     Low temperature   -40 °C     Upper temperature   +45 °C     Dwell time each temperature   300min.     Transfer time from lower to upper temperature < 10s			-			+85°C		
dynamic operation with maximum rated voltage 5.2 Heat Test Temperature +85 °C±2 Duration 96hrs 5.3 Cold Test Temperature -40 °C±2 Duration 96hrs 5.4 Moisture Test Temperature +85 °C±2 Humidity 85%RH Duration 56days Recovery conditions: Climatic condition standard atmospheric Ventilation time 1 h 5.5 Temperature -40 °C Upper temperature -40 °C Upper temperature -40 °C Upper temperature -40 °C Upper temperature -485 °C Dwell time each temperature 30min. Transfer time from lower to upper temperature < 10s Number of cycles 100 5.6 Vibration Test Range of frequency 1 10 to 55Hz Amplitude +/-0.75mm Range of frequency 2 55 to 2000Hz Amplitude 10g Frequency sweep 1 cct/min Duration 2h each of 3 axis 5.7 Drop test Drop the speaker contained in normal box on to the boad 20mm thick 10 times from the height of 1.2m After each test of 5.2 to 5.3, speakers should be measured after 6hrs exposed in normal temperature. After each test, performance should be satisfied with spec.		Dw	ell time		30 Min	each temperature	)	
5.2 Heat Test     Temperature     +85 °C±2       Duration     96hrs       5.3 Cold Test     -40 °C±2       Duration     96hrs       5.4 Moisture Test								
Temperature   +85 ° C± 2     Duration   96hrs     5.3 Cold Test				ion with maxi	mum rated	voltage		
Duration   96hrs     5.3 Cold Test   Temperature     Temperature   -40 ° C± 2     Duration   96hrs     5.4 Moisture Test   Temperature     Temperature   +85 ° C± 2     Humidity   85%RH     Duration   56days     Recovery conditions: Climatic condition standard atmospheric     Ventilation time 1 h     5.5 Temperature shock     Low temperature   -40 ° C     Upper temperature shock     Low temperature   -40 ° C     Upper temperature   -485 ° C     Dwell time each temperature   30min.     Transfer time from lower to upper temperature <10s								
5.3 Cold Test   -40 ° C± 2     Duration   96hrs     5.4 Moisture Test			•					
Temperature   -40 °C± 2     Duration   96hrs     5.4 Moisture Test   +85 °C± 2     Humidity   85%RH     Duration   56days     Recovery conditions: Climatic condition standard atmospheric     Ventilation time 1 h     5.5 Temperature shock     Low temperature   -40 °C     Upper temperature   +85 °C     Dwell time each temperature   30min.     Transfer time from lower to upper temperature < 10s		-				SUILOR		
Duration   96hrs     5.4 Moisture Test   +85 ° C± 2     Humidify   85%RH     Duration   56days     Recovery conditions: Climatic condition standard atmospheric     Ventilation time 1 h     5.5 Temperature shock     Low temperature   -40 ° C     Upper temperature   -40 ° C     Upper temperature   -40 ° C     Upper temperature   -30min.     Transfer time from lower to upper temperature < 10s						-40 ° C+ 2		
5.4 Moisture Test   +85 °C±2     Humidity   85%RH     Duration   56days     Recovery conditions: Climatic condition standard atmospheric   Ventilation time 1 h     5.5 Temperature shock   -40 °C     Low temperature   -40 °C     Upper temperature   -100     Station Test			•					
Temperature   +85 ° C± 2     Humidity   85%RH     Duration   56days     Recovery conditions: Climatic condition standard atmospheric     Ventilation time 1 h     5.5 Temperature shock     Low temperature   -40 ° C     Upper temperature   -485 ° C     Dwell time each temperature   30min.     Transfer time from lower to upper temperature < 10s						50115		
Humidity   85%RH     Duration   56days     Recovery conditions: Climatic condition standard atmospheric   Ventilation time 1 h     5.5 Temperature shock   Low temperature   -40 °C     Upper temperature   30min.     Transfer time from lower to upper temperature < 10s						+85 °C±2		
Duration   56days     Recovery conditions: Climatic condition standard atmospheric     Ventilation time 1 h     5.5 Temperature shock     Low temperature   -40 ° C     Upper temperature   +85 ° C     Dwell time each temperature   30min.     Transfer time from lower to upper temperature < 10s			•					
Ventilation time 1 h       5.5 Temperature shock       Low temperature     -40 ° C       Upper temperature     +85 ° C       Dwell time each temperature     30min.       Transfer time from lower to upper temperature < 10s			•			56days		
5.5 Temperature shock   Low temperature   -40 ° C     Low temperature   +85 ° C     Dwell time each temperature   30min.     Transfer time from lower to upper temperature < 10s		Red	covery condit	tions: Climation	c condition	standard atmosphe	eric	
Low temperature   -40 ° C     Upper temperature   +85 ° C     Dwell time each temperature   30min.     Transfer time from lower to upper temperature < 10s		Ver	ntilation time	1 h				
Upper temperature +85 ° C Dwell time each temperature 30min. Transfer time from lower to upper temperature < 10s Number of cycles 100 5.6 Vibration Test Range of frequency 1 10 to 55Hz Amplitude +/-0.75mm Range of frequency 2 55 to 2000Hz Amplitude 10g Frequency sweep 1 oct/min Duration 2h each of 3 axis 5.7 Drop test Drop the speaker contained in normal box on to the boad 20mm thick 10 times from the height of 1.2m After each test of 5.2 to 5.3, speakers should be measured after 6hrs exposed in normal temperature. After each test, performance should be satisfied with spec. <u>Date: 0805/14</u> T小平 BMS3650P1-LF A 0301/03 王瀚梅 Checked by: 漢獨丽 Speaker Part Drawn Dy: T小平 Speaker		5.5 Ter	nperature sh	ock				
Dwell time each temperature   30min.     Transfer time from lower to upper temperature < 10s								
Transfer time from lower to upper temperature < 10s Number of cycles   100     5.6 Vibration Test   Range of frequency 1   10 to 55Hz     Amplitude   +/-0.75mm     Range of frequency 2   55 to 2000Hz     Amplitude   10g     Frequency sweep   1 oct/min     Duration   2h each of 3 axis     5.7 Drop test   Drop the speaker contained in normal box on to the boad 20mm thick 10 times from the height of 1.2m     After each test of 5.2 to 5.3, speakers should be measured after 6hrs exposed in normal temperature.     After each test, performance should be satisfied with spec.			•					
Number of cycles   100     5.6 Vibration Test   Range of frequency 1   10 to 55Hz     Amplitude   +/-0.75mm     Range of frequency 2   55 to 2000Hz     Amplitude   10g     Frequency sweep   1 oct/min     Duration   2h each of 3 axis     5.7 Drop test   Drop the speaker contained in normal box on to the boad 20mm thick 10 times from the height of 1.2m     After each test of 5.2 to 5.3, speakers should be measured after 6hrs exposed in normal temperature.     After each test, performance should be satisfied with spec.				-				
5.6 Vibration Test       Range of frequency 1     10 to 55Hz       Amplitude     +/-0.75mm       Range of frequency 2     55 to 2000Hz       Amplitude     10g       Frequency sweep     1 oct/min       Duration     2h each of 3 axis       5.7 Drop test     Drop the speaker contained in normal box on to the boad 20mm thick 10 times from the height of 1.2m       After each test of 5.2 to 5.3, speakers should be measured after 6hrs exposed in normal temperature.       After each test, performance should be satisfied with spec.       After each test, performance should be satisfied with spec.       After each test, performance should be satisfied with spec.       After each test, performance should be satisfied with spec.       After each test, performance should be satisfied with spec.       After each test, performance should be satisfied with spec.       Again/03     主義術       Checked by:     美丽丽       Again/03     王参術       Rev.     Date       Date     Date       Speaker     Speaker					upper temp			
Range of frequency 1   10 to 55Hz     Amplitude   +/-0.75mm     Range of frequency 2   55 to 2000Hz     Amplitude   10g     Frequency sweep   1 oct/min     Duration   2h each of 3 axis     5.7 Drop test   Drop the speaker contained in normal box on to the boad 20mm thick 10 times from the height of 1.2m     After each test of 5.2 to 5.3, speakers should be measured after 6hrs exposed in normal temperature.     After each test, performance should be satisfied with spec.			•	35		100		
Amplitude   +/-0.75mm     Range of frequency 2   55 to 2000Hz     Amplitude   10g     Frequency sweep   1 oct/min     Duration   2h each of 3 axis     5.7 Drop test   Drop the speaker contained in normal box on to the boad 20mm thick 10 times from the height of 1.2m     After each test of 5.2 to 5.3, speakers should be measured after 6hrs exposed in normal temperature.     After each test, performance should be satisfied with spec.     Image:   08/05/14     Image: <td< td=""><td></td><td></td><td></td><td>ency 1</td><td></td><td>10 to 55Hz</td><td></td><td></td></td<>				ency 1		10 to 55Hz		
Range of frequency 2   55 to 2000Hz     Amplitude   10g     Frequency sweep   1 oct/min     Duration   2h each of 3 axis     5.7 Drop test   Drop the speaker contained in normal box on to the boad 20mm thick 10 times from the height of 1.2m     After each test of 5.2 to 5.3, speakers should be measured after 6hrs exposed in normal temperature.     After each test, performance should be satisfied with spec.     Image:   08/05/14     Image:   08/								
Amplitude   10g     Frequency sweep   1 oct/min     Duration   2h each of 3 axis     5.7 Drop test   Drop the speaker contained in normal box on to the boad 20mm thick 10 times from the height of 1.2m     After each test of 5.2 to 5.3, speakers should be measured after 6hrs exposed in normal temperature.     After each test, performance should be satisfied with spec.     Image: Comparison of the state of th				ency 2				
Frequency sweep     1 oct/min       Duration     2h each of 3 axis       5.7 Drop test     Drop the speaker contained in normal box on to the boad 20mm thick 10 times from the height of 1.2m       After each test of 5.2 to 5.3, speakers should be measured after 6hrs exposed in normal temperature.       After each test, performance should be satisfied with spec.       After each test, performance should be satisfied with spec.       08/05/14     T小军       Drawn by:     T小军       A 03/01/03     王善梅       Checked by:     美丽丽       Speaker       Rev.     Date       Drawn     Note       Approved by:     张秀季			• .	,				
5.7 Drop test     Drop the speaker contained in normal box on to the boad 20mm thick 10 times from the height of 1.2m       After each test of 5.2 to 5.3, speakers should be measured after 6hrs exposed in normal temperature.       After each test, performance should be satisfied with spec.       After each test, performance should be satisfied with spec.       Date:     08/05/14       C     08/05/14     T小军       A     03/01/03     王善梅       Rev.     Date     Drawn       Note     Approved by:     张秀琴			•	ер		-		
Drop the speaker contained in normal box on to the boad 20mm thick 10 times from the height of 1.2m       After each test of 5.2 to 5.3, speakers should be measured after 6hrs exposed in normal temperature.       After each test, performance should be satisfied with spec.       After each test, performance should be satisfied with spec.       08/05/14     T小军       08/05/14     T小军       03/01/03     王書梅       C     Date       Date     Drawn by:       T小军       BMS3650P1-LF       A     03/01/03       王書梅     Checked by:       Approved by:     张秀琴					21	n each of 3 axis		
thick 10 times from the height of 1.2m       After each test of 5.2 to 5.3, speakers should be measured after 6hrs exposed in normal temperature. After each test, performance should be satisfied with spec.       After each test, performance should be satisfied with spec.       Date:     08/05/14       C     08/05/14     T小军       A 03/01/03     王善梅       Checked by:     莫丽丽       Rev.     Date     Drawn       Note     Approved by:     张秀琴			•		_			
After each test of 5.2 to 5.3, speakers should be measured after 6hrs exposed in normal temperature.       After each test, performance should be satisfied with spec.       ▲     Date:     08/05/14       C     08/05/14     T小军       ▲     03/01/03     王書梅       Checked by:     莫丽丽     Speaker       Rev.     Date     Drawn       Note     Approved by:     张秀琴			• •			ox on to the boad 2	20mm	
normal temperature. After each test, performance should be satisfied with spec.		thic	k 10 times fi	om the heigh	t of 1.2m			
normal temperature. After each test, performance should be satisfied with spec.		Aftor o	ach tact of 5	2 to 5 2 cpo	akara ahau	ld be measured aft	or fibre expected in	
After each test, performance should be satisfied with spec.       After each test, performance should be satisfied with spec.       Date:     08/05/14       C     08/05/14     丁小军       A     03/01/03     王善梅       Checked by:     莫丽丽       Speaker       Rev.     Date       Date     Drawn       Note     Approved by:       张秀琴				-	akers shou	iu de measureu ait	er onis exposed in	
Date:   08/05/14     C   08/05/14     T小军   Drawn by:     T小军   Drawn by:     A   03/01/03     王善梅   Checked by:     Quert   Checked by:     Rev.   Date     Drawn   Note     Approved by:   张秀琴			-		ould be satis	fied with spec.		
C       08/05/14       丁小军       Drawn by:       丁小军       BMS3650P1-LF         A       03/01/03       王善梅       Checked by:       莫丽丽       Speaker         Rev.       Date       Drawn       Note       Approved by:       张秀琴       Speaker			, p					
C       08/05/14       丁小军       Drawn by:       丁小军       BMS3650P1-LF         A       03/01/03       王善梅       Checked by:       莫丽丽       Speaker         Rev.       Date       Drawn       Note       Approved by:       张秀琴       Speaker								
C       08/05/14       丁小军       Drawn by:       丁小军       BMS3650P1-LF         A       03/01/03       王善梅       Checked by:       莫丽丽       Speaker         Rev.       Date       Drawn       Note       Approved by:       张秀琴       Speaker								
C       08/05/14       丁小军       Drawn by:       丁小军       BMS3650P1-LF         A       03/01/03       王善梅       Checked by:       莫丽丽       Speaker         Rev.       Date       Drawn       Note       Approved by:       张秀琴       Speaker					Date <sup>.</sup>	08/05/14		
A       03/01/03       王善梅       Checked by:       莫丽丽       Speaker         Rev.       Date       Drawn       Note       Approved by:       张秀琴       Speaker	С	08/05/14	丁小军				BMS3650P1	I-LF
Rev.       Date       Drawn       Note       Approved by:       张秀琴       Speaker	Δ	03/01/03	王善栴					
				Note			Speake	r
	1101.							D Page:4 a

Bestar



H			50P1-LF change re	ecord				
	[	version		Change Items			Approved	
		No.	Before	After	– Date	Drawn		
3		A			03/01/03	王善梅	郭敏	
		В		Add dimension:3.30	07/10/12	丁小军	张秀琴	
				□ 0.1 // 0.1 A				
				Change the type of the wire, the new coil is without paper; change magnet; use new diaphragm				
	ſ	С		Change the frame	08/05/14	丁小军	张秀琴	
7	-							
	ļ							
	ļ							
3								
	ſ							
1	Ī							
	ł							
	ŀ							
	ŀ							
	L							
F				Date:	08/05/14		BMS3650P1-LF	
ļ	С	08/05/14	丁小军	Drawn by:	丁小军		DIVIO300UP I-LF	
ł	А	03/01/03	王善梅	Checked by:	莫丽丽		Speaker	
$\left  \right $	Rev.				<u> </u>			
I		DESTAR	V ELECTRU	NICS INDUSTRY CO.,LTI	ノ e-star.com wu@be	e-star.com	DRG NO: BS/TES01.031C Page:6 o	f 6

This print and information there in are proprietary to Bestar Electronics Industry Co., Ltd. and shall not be used in whole or in part without its written content