SPECIFICATION

BMV0802H3.2









SPECIFICATION

Vibration Motor

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Customer		Model Name	BMV0802H3.2
Customer P/N		Product No.	210822
Date	23 Apr. 2020	Issue No.	BS/TEV01.038A1
Page	01 of 07	Issue Date	2020.04.23

Approval:

- 1.Characteristics
- 2.Dimension
- 3. Reliability Test
- 4.Packing
- 5.Notice
- 6. History change record

Drawn by	Checked by	Approved by	Customer approved
包丽萍	李梅芳	陶红仲	

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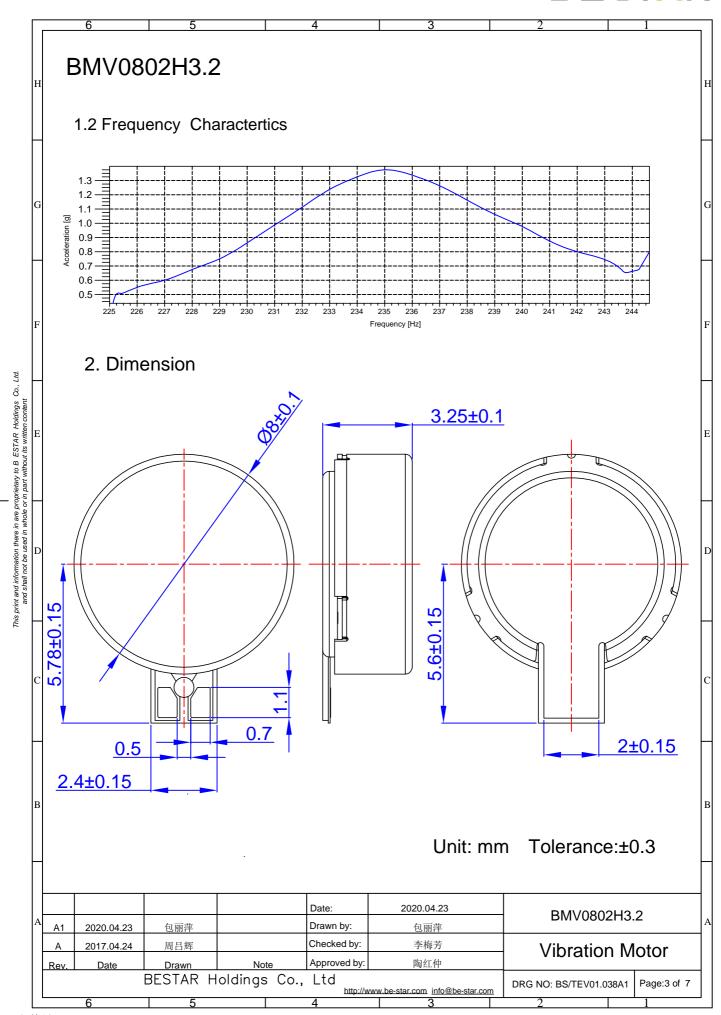
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文件号: BS/QDTE045B



BMV0802H3.2 1.Characteristics 1.1Operating Conditions Parameter **Specifications** Rated Voltage 1.8VrmsAC, Sine wave 1. 2. **Operating Voltage** 0.1~1.9VrmsAC 3. Rated Frequency 235Hz *Rated Current Max 80mArms 4. This print and information there in are proprietary to B ESTAR Holdings Co., Ltd. and shall not be used in whole or in part without its written content 5. *Rated Acceleration 1.20~1.70Grms *Acceleration at -20 °C 6. 1.0Grms Min *Rise Time 7. Max 50msec(run to 50% of the maximum acceleration after powering on) *Falling Time Max 80msec(decelerate to 50% of the 8. maximum acceleration after outage) **Insulation Resistance 9. 10MΩ Min Resistance at (25±3) ℃ 10. 23Ohm±10% 11. ***Noise Max 50dB 12. Direction of vibration Z axis 13. Operating Environment -20...+60°C,65±20%RH 14. **Storage Conditions** -30...+70°C,65±20%RH * Drived by the rated voltage and frequency(1.8VrmsAc, Sine wave, 235Hz) **At DC 100V between lead wire and case ***Drived by the rated voltage and frequency(1.8VrmsAc,Sine wave,235Hz) 10cm distance from microphone Back ground noise 28dB(A) Max Date: 2020.04.23 BMV0802H3.2 Drawn by: 2020.04.23 包丽萍 包丽萍 Α1 Checked by: 周吕辉 李梅芳 2017.04.24 Vibration Motor Approved by: 陶红仲 Note BESTAR Holdings Co., Ltd Page:2 of 7 DRG NO: BS/TEV01.038A1 http://www.be-star.com info@be-star.com









BMV0802H3.2 3.6 Vibration test a. The motor fixed fixture weight 180g b.Frequency:10~55Hz c.Double amplitude:1.5mm(p-p) d.Acceleration: 22m/s e.Period:In the range of 10min (10~55~10Hz) f.Condition:Do the test in three axial directions for one hour to the samples. The product should meet the requirement of item B. 3.7 Drop test a. Fix the motor on a object weighted about 180g(include the motor) and drop it to the cement floor. b.Height 1.5m (to cement floor) c.Direction $\pm X$, $\pm Y$, $\pm Z$ 3 times for each direction d.Number of the test The product should meet the requirements of item B. This print and information there in are proprietary to B ESTAR Holdings Co., Ltd. and shall not be used in whole or in part without its written content Judgments after reliability test ItemA: The acceleration fluctuates in the initial value±30% . The current and noise meet the specifications. ItemB: There should be no abnormalities to happen in structure. Date: 2020.04.23 BMV0802H3.2 Drawn by: Α1 2020.04.23 包丽萍 包丽萍 Checked by: 2017.04.24 周吕辉 李梅芳 Vibration Motor Approved by: 陶红仲 Note BESTAR Holdings Co., Ltd Page:5 of 7 DRG NO: BS/TEV01.038A1 http://www.be-star.com info@be-star.com



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Approved by:

Note

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