## SPECIFICATION FOR ELECTRO-MAGNET TRANSDUCER

Customer	
Customer P/N	
BeStar Model Name	BMT1201H8.5F-04 LF
Product No.	010217
Issue No.	BS/TET01.442A
Issue Date	07.3.25

## Approval:

Characteristics
Dimension
Reliability Test
Packing
Notice
History change record

Drawn by	Checked by	Approved by	Customer approved
韩学慧	朱成兴	程久生	

For conform to the European Union Directive on the Restriction of Hazardous Substances(RoHS), this type of productions forbid use all the hazardous substances as follow: Lead Cadmium Mercury Hexavalent chromium Polybrominated biphenyls (PBB) Polybrominated diphenyl ethers (PBDE)



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	BMT1201H8.5F-04 LF	
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	3. Reliability test	
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	3.1 High temperature test	
	Temperature +70° C Duration 96hrs	
3	3.2 Low temperature test	
	Temperature -30°C	
	Duration 96hrs	
	3.3 Temperature cycle test	
	Cycles 5	
7	-30° C +20° C +20° C	
	_30min_ 15min_ 30min_ 15min	
_	3.4 Humidity cycle test Cycles 10	
	65° C 90-95% RH	
Ξ	_25° C 90-95% RH	
	2.5h 3.0h 2.5h	
	all these tests above should be measured after leaving normal temperature for 2hrs.	
	3.5 Load test	
	Power supply rated voltage	
	Duration 1000hrs	
C	3.6 Vibration Test	
	Vibration Frequency 10~55Hz Amplitude 1.5mm	
	Duration x,y&z directions 30min	
_	3.7 Drop test	
	Height 70cm (to 10mm thickness woodenboard)	
	Direction 3	
2	3.8 Solderability test	
	Temperature245℃Duration3sec	
	Duration 3sec	
	Notice: specification must be satisfied in this condition ,except S.P.L( S.P.L shall be 80dB m	iore).
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╞	Date:     07.3.25     BMT1201H8.5F-04     LF       Drawn by:     韩学慧	-
	A oz o oz dz	
-	A     07.3.25     钟子息     Offected by:     小放入     Transducer       REV.     Date     Drawn     Note     Approved by:     程久生     Transducer	
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