



Magnetic Transducer Specification

Series EWT143A

Model Number: EWT143A5BLFMP

Version 2.0

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1. ELECTRICAL SPECIFICATIONS



Model No.: EWT143A5BLFMP

Description: MT TRANSDUCER 5V SMD LCP 2730Hz RoHS

| <i>MODEL NO.</i> | <u>EWT143A5BLFMP</u> |
|--|----------------------|
| <i>OPERATING VOLTAGE RANGE (V)</i> | 4.0 ~ 6.0 |
| <i>RATED VOLTAGE (V)</i> | 5.0 |
| + <i>MAX. RATED CURRENT (mA)</i> | 70.0 |
| <i>COIL RESISTANCE (Ω)</i> | 43.0 ± 3.0 |
| + <i>MIN. SOUND OUTPUT at 10cm (dBA)</i> | 87.0 |
| <i>RESONANT FREQUENCY (Hz)</i> | 2730 |
| <i>OPERATING TEMPERATURE (° C)</i> | - 30.0 ~ + 85.0 |
| <i>STORAGE TEMPERATURE (° C)</i> | - 30.0 ~ + 85.0 |
| <i>TERMINAL</i> | SMD |
| <i>HOUSING MATERIAL</i> | LCP |
| <i>WEIGHT (g)</i> | Max. 1.0 |

+ Value applying rated voltage resonant frequency, 1/2 duty, square wave

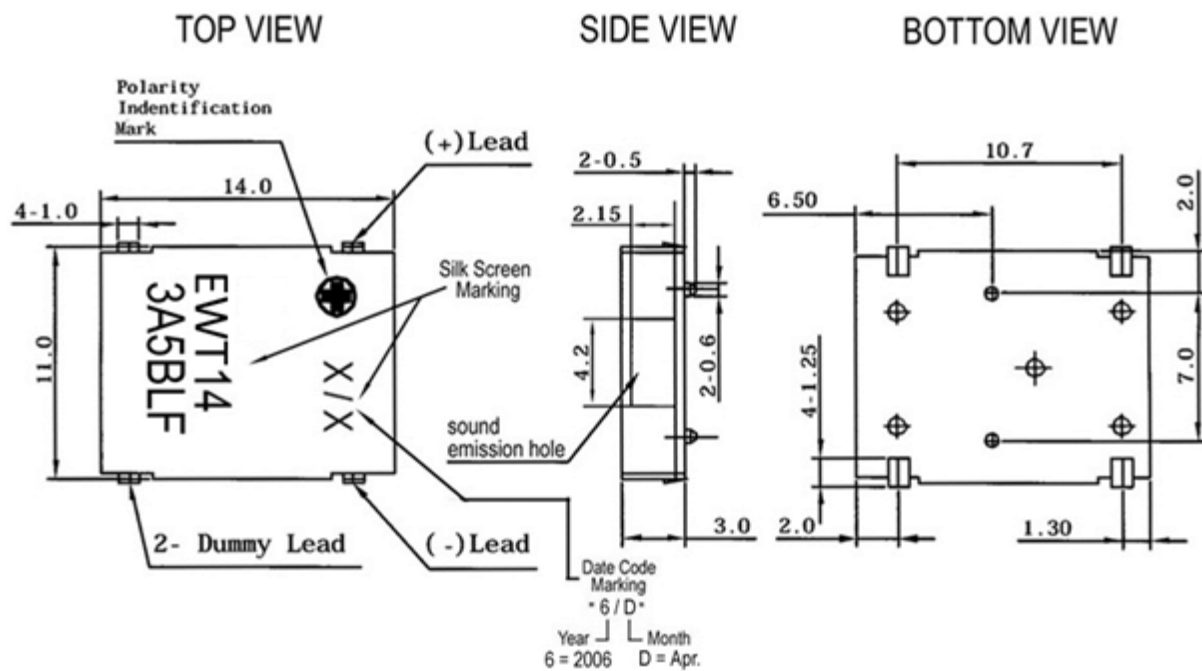
* Value applying resonant frequency, 1/2 duty, square wave, measuring current 60uA

2. PHYSICAL DIMENSION



All dimensions stated are in mm

Tolerance: $\pm 0.2\text{mm}$



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Revision History

| Revision | Date | Description |
|----------|---------|--|
| 1.0 | | First release |
| 2.0 | 2014/02 | Operating and storage temp. change to -30 ~ +85 °C |
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