



# Magnetic Transducer Specification

## Series FZX

Model Number: FZX12LFPN

Version 3.0

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# 1. ELECTRICAL SPECIFICATIONS



**Model No.:** FZX12LFPN

**Description:** MT TRANSDUCER 12V PIN NORYL RoHS

<i>MODEL NO.</i>	<u>FZX12LFPN</u>
<i>OPERATING VOLTAGE RANGE ( V )</i>	6.0 ~ 15.0
<i>RATED VOLTAGE ( V )</i>	12.0
+ <i>MAX. RATED CURRENT ( mA )</i>	40.0
<i>COIL RESISTANCE ( Ω )</i>	140.0 ± 14.0
<i>COIL IMPEDANCE ( Ω )</i>	240
+ <i>MIN. SOUND OUTPUT at 10cm ( dBA )</i>	85.0
<i>RESONANT FREQUENCY ( Hz )</i>	2400
<i>OPERATING TEMPERATURE ( °C )</i>	- 40.0 ~ + 85.0
<i>TERMINAL</i>	PIN
<i>HOUSING MATERIAL</i>	NORYL
<i>WEIGHT ( g )</i>	2.0

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

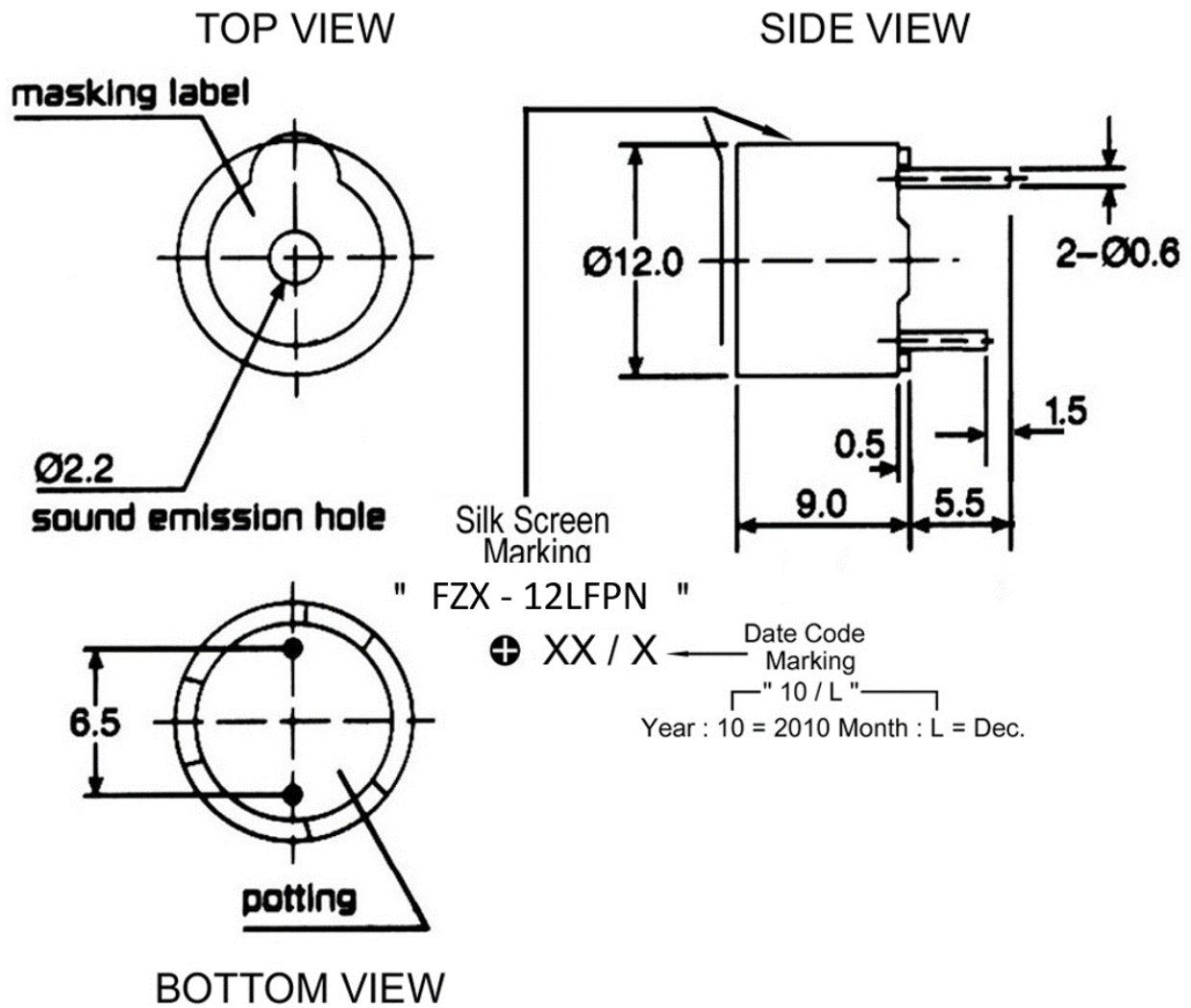
\* Value applying resonant frequency, 1/2 duty, square wave, measuring current 60uA

## 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		Operating temp. change to -20~+80 °C
3.0		Operating temp. change to -40~+85 °C

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