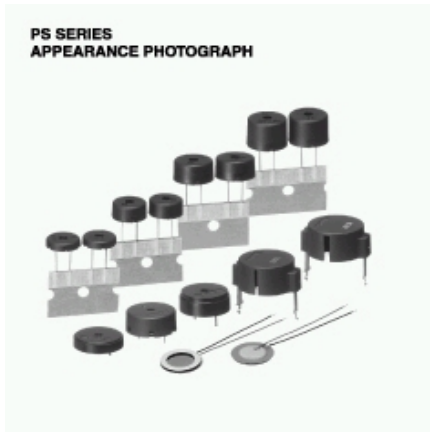


## Piezoelectric Products / Resonators / Sounding Bodies

### Piezoelectric Buzzers / Sounders

Part Number :	<b>PS1240P02AT</b>
Product Name :	<b>Buzzers(Without Oscillator Circuit)</b>
TDK Series Name :	<b>PS Series</b>
Application :	<b>Electric ranges, washing machines, computer terminals, various devices that require speech synthesis output.</b>
Function :	<b>They feature extremely low power consumption in comparison to electromagnetic units. Because these buzzers are designed for external excitation, the same part can serve as both a musical tone oscillator and a buzz. They can be used with automated inserters. Moisture -resistant models are also available.</b>
Description :	<b>The PS series are high -performance buzzers that employ unimorph piezoelectric elements and are designed for easy incorporation into various circuits.</b>
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Application	Catalog	SEAT	CCV	TVCL	Tech Notes
Property Name		Property Description			
Product Lifecycle Stage	<b>Production</b>				
Part Number Replacement	<i>No Data Available.</i>				
Lead (Pb) Free	<b>Yes</b>				
Surface Mount	<b>No</b>				
Type	<b>inside a case</b>				
Drive Type	<b>non active</b>				
Metal Disc Material	<b>brass</b>				
Terminal Construction	<b>Pin Terminal</b>				
Outside Diameter	Nom <b>12</b> mm				
Body Height (T)	Nom <b>6.5</b>				
Terminal Pitch_Nom	Nom <b>5</b> mm				
Sound Pressure Level	Min <b>70</b> dB				
Resonant Frequency	Nom <b>4000</b>				
Oscillating Frequency	Min <i>No Data Available.</i>				
	Nom <i>No Data Available.</i>				
	Max <i>No Data Available.</i>				
Operating Voltage	Max <i>No Data Available.</i>				
	Min <i>No Data Available.</i>				
Rated Input Voltage	Nom <i>No Data Available.</i>				
Measuring Distance	Nom <b>10</b> c				
Current Consumption_Max	Max <i>No Data Available.</i>				
Soldering Method	<i>No Data Available.</i>				
Category Temperature Range	Min <b>-20</b>				
	Max <b>70</b>				
Storage Temperature Range	Min <b>-30</b>				
	Max <b>80</b>				
Country of Origin	<b>CHN</b>				
Packing	<b>Radial Taping Ammo Pack</b>				
Minimum Package Qty	Nom <b>500</b>				
Minimum Order Qty	Nom <b>2500</b>				
Weight	Nom <b>0.69</b>				

Disclaimer: This information is to be used for reference purposes only and is subject to change by TDK without notice. It reflects an overview of the product characteristics/performance for the particular part number. For product specification information, please refer to TDK's general product specification. Please note that this standard part is not designed or warranted to meet any specifications of any intermediate or end user different from or in addition to the specifications set forth in TDK's general product specification. Note also that this standard part has not been specially designed or manufactured for, nor is it intended or warranted for use in , or permitted to be resold for, specialized applications such as aviation, medical, and/or governmental/military applications (collectively, "Excluded Applications").