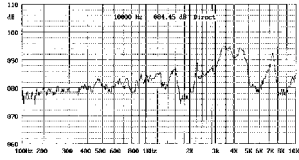


# Piezo Transducer

## KPR-1720 series Piezo Transducer

### FREQUENCY RESPONSE

[actual curve of type]



applied voltage: 12 Vp-p, 1/2 duty, square wave  
distance for measurement: 10cm

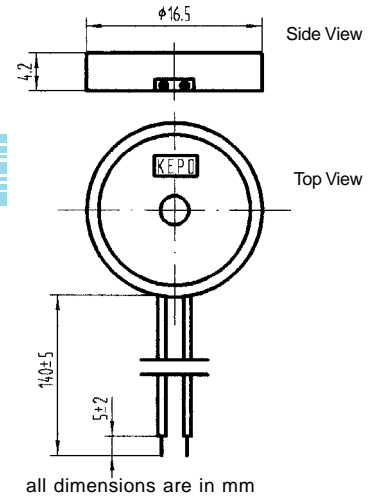
<b>Model No</b>	<b>KPR-1720</b>
Rated Voltage	12Vp-p Square Wave
Max. Allowable Voltage	30Vp-p Square Wave
Max. Rated Current	2mA at 4.0KHz/12Vp-p Square Wave
Min. Sound Pressure Level	83dB at 4.0KHz/12Vp-p Square Wave/10cm
Resonant Frequency	4.0±0.5KHz
Operating Temperature	-20~+60jæ
Weight	1g

\* Value applying at rated voltage



color Black  
ABS Housing Material  
Lead Terminal

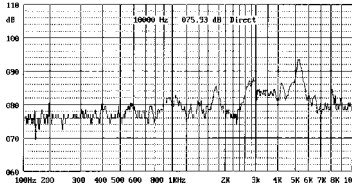
### DIMENSIONS



## KPR-2445 series Piezo Transducer

### FREQUENCY RESPONSE

[actual curve of type]



applied voltage: 12 Vp-p, 1/2 duty, square wave  
distance for measurement: 30cm

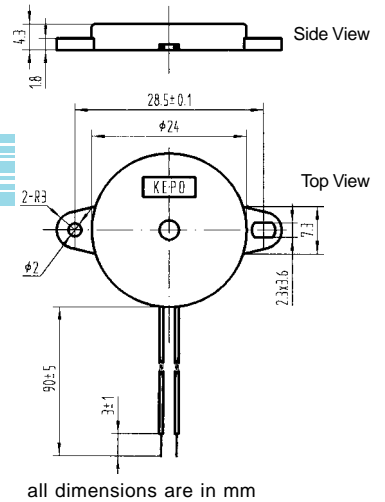
<b>Model No</b>	<b>KPR-2445</b>
Rated Voltage	12Vp-p/square wave
Max. Allowable Voltage	30Vp-p/square wave
Max. Rated Current	3mA at 4.5 KHz/12Vp-p Square Wave
Min. Sound Pressure Level	80dB at 4.5KHz/12Vp-p Square Wave/30cm
Resonant Frequency	4.5±0.5KHz
Operating Temperature	-20~+60jæ
Weight	2g

\* Value applying at rated voltage



color Black  
ABS Housing Material  
Lead Terminal

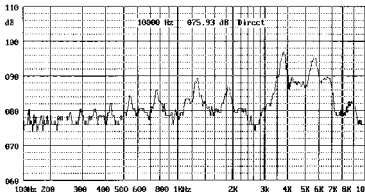
### DIMENSIONS



## KPR-2313 series Piezo telephone ringer

### FREQUENCY RESPONSE

[actual curve of type]



applied voltage: 12Vp-p, 1/2 duty, square wave  
distance for measurement: 30cm

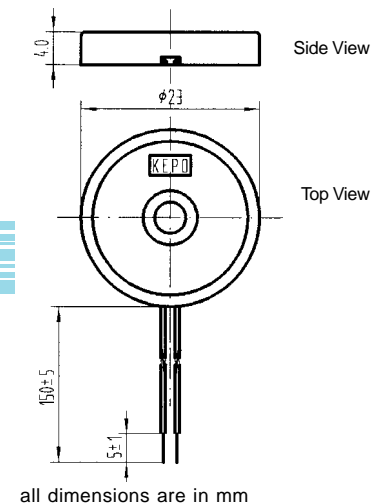
<b>Model No</b>	<b>KPR-2313</b>
Rated Voltage	12Vp-p Square Wave
Max. Allowable Voltage	30Vp-p Square Wave
Max. Rated Current	3mA at 4.0KHz/12Vp-p Square Wave
Min. Sound Pressure Level	80dB at 4.0KHz/12Vp-p Square Wave/30cm
Resonant Frequency	4.0±0.5KHz
Operating Temperature	-20~+60jæ
Weight	2g

\* Value applying at rated voltage



color Black  
ABS Housing Material  
Lead Terminal

### DIMENSIONS



The information contained herein is believed to be correct, but no guarantee for accuracy, completeness DSW Electronics Ltd. reserves the right to make changes without notification.