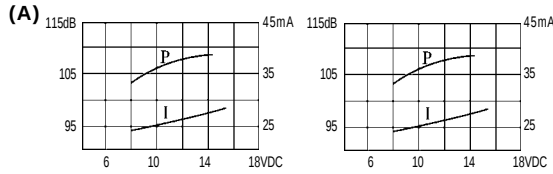


KPI-4510L series Piezo Buzzer

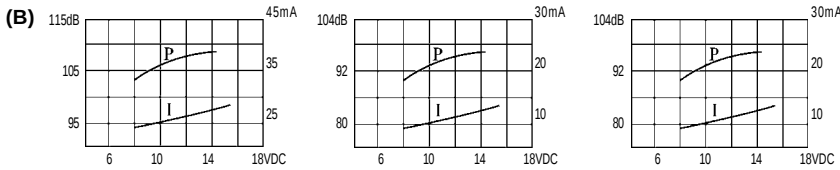
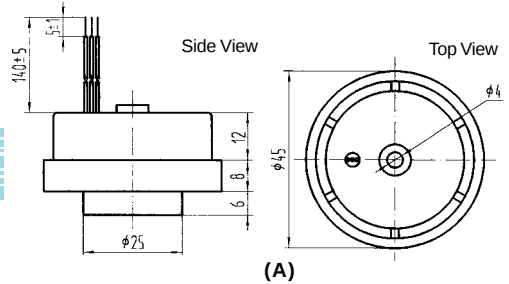
DIMENSIONS



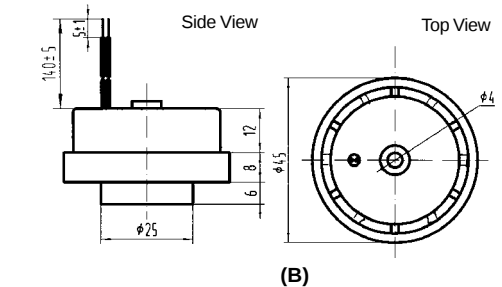
Model No	KPI-4513L	KPI-4514L
Rated Voltage	12VDC	12VDC
Operating Voltage	3~16VDC	3~16VDC
Max. Rated Current	35(20)mA at 12VDC	35(20)mA at 12VDC
Min. Sound Pressure Level	100(92)dB at 12VDC/30cm	105(92)dB at 12VDC/30cm
Resonant Frequency	3.2 $\pm$ 0.5KHz	3.2 $\pm$ 0.5KHz
Tone Nature	Continuous+Slow Pulse	Continuous+Fast Pulse
Operating Temperature	-20~+60 $\pm$ °C	-20~+60 $\pm$ °C
Weight	21g	21g



color White
ABS Housing Material
Lead Terminal



Model No	KPI-4510L	KPI-4511L	KPI-4512L
Rated Voltage	12VDC	12VDC	12VDC
Operating Voltage	3~16VDC	3~16VDC	3~16VDC
Max. Rated Current	35mA at 12VDC	20mA at 12VDC	20mA at 12VDC
Min. Sound Pressure Level	100dB at 12VDC/30cm	92dB at 12VDC/30cm	92dB at 12VDC/30cm
Resonant Frequency	3.2 $\pm$ 0.5KHz	3.2 $\pm$ 0.5KHz	3.2 $\pm$ 0.5KHz
Tone Nature	Continuous	Slow Pulse	Fast Pulse
Operating Temperature	-20~+60 $\pm$ °C	-20~+60 $\pm$ °C	-20~+60 $\pm$ °C
Weight	21g	21g	21g



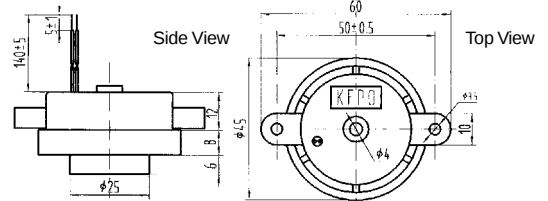
all dimensions are in mm

* Value applying at rated voltage

KPI-4520L series Piezo Buzzer

DIMENSIONS

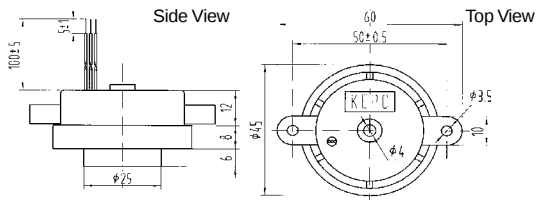
color White
ABS Housing Material
Lead Terminal



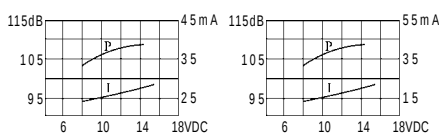
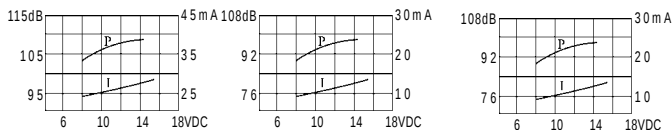
KPI-4520L series Piezo Buzzer

DIMENSIONS

color White
ABS Housing Material
Lead Terminal



all dimensions are in mm



Model No	KPI-4520L	KPI-4521L	KPI-4522L	KPI-4523L	KPI-4524L
Rated Voltage	12VDC	12VDC	12VDC	12VDC	12VDC
Operating Voltage	3~16VDC	3~16VDC	3~16VDC	3~16VDC	3~16VDC
Max. Rated Current	35mA at 12VDC	35mA at 12VDC	35mA at 12VDC	35 (20)mA at 12VDC	35 (20)mA at 12VDC
Min. Sound Pressure Level	100dB at 12VDC/30cm	90dB at 12VDC/30cm	90dB at 12VDC/30cm	105 (92) dB at 12VDC/30cm	105 (92)dB at 12VDC/30cm
Resonant Frequency	3.2 $\pm$ 0.5KHz	3.2 $\pm$ 0.5KHz	3.2 $\pm$ 0.5KHz	3.2 $\pm$ 0.5KHz	3.2 $\pm$ 0.5KHz
Tone Nature	Continuous	Slow Pulse	Fast Pulse	Continuous+Fast Pulse	Continuous+Slow Pulse
Operating Temperature	-20~+60 $\pm$ °C	-20~+60 $\pm$ °C	-20~+60 $\pm$ °C	-20~+60 $\pm$ °C	-20~+60 $\pm$ °C
Weight	21g	21g	21g	21g	21g

* Value applying at rated voltage