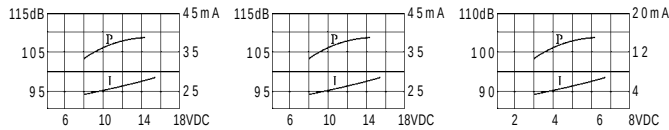
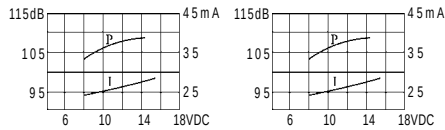


KPI-4210 series Piezo Buzzer

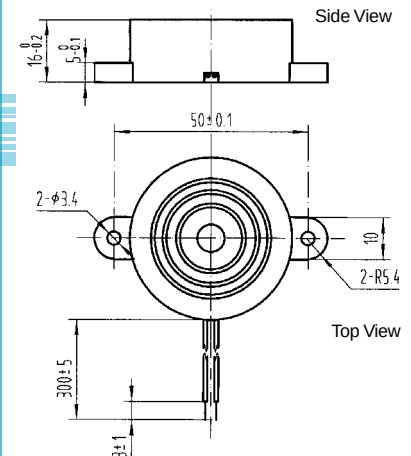


Model No	KPI-4210	KPI-4211	KPI-4212	KPI-4213	KPI-4214
Rated Voltage	12VDC	12VDC	12VDC	12VDC	5VDC
Operating Voltage	3~20VDC	3~20VDC	3~20VDC	3~20VDC	2~8VDC
Max. Rated Current	12mA at 12VDC	12mA at 12VDC	20mA at 12VDC	20mA at 12VDC	20mA at 5VDC
Min. Sound Pressure Level	90dB at 12VDC/30cm	98dB at 12VDC/30cm	90dB at 12VDC/30cm	90dB at 12VDC/30cm	100dB at 5VDC/30cm
Resonant Frequency	2.8jA0.5KHz	2.8jA0.5KHz	2.8jA0.5KHz	2.8jA0.5KHz	2.8jA0.5KHz
Tone Nature	Continuous	Continuous	Fast Pulse	Slow Pulse	Continuous
Operating Temperature	-20~+60jæ	-20~+60jæ	-20~+60jæ	-20~+60jæ	-20~+60jæ
Weight	13g	13g	13g	13g	13g

* Value applying at rated voltage

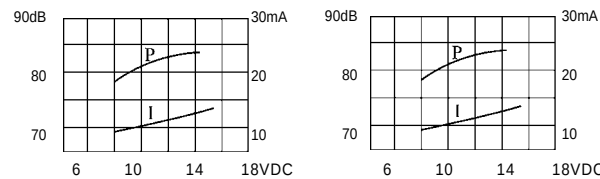
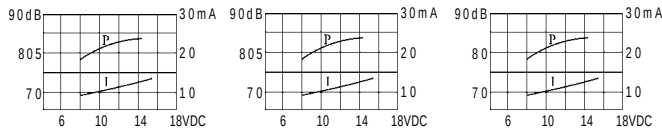


DIMENSIONS



all dimensions are in mm

KPI-4310series Piezo Buzzer

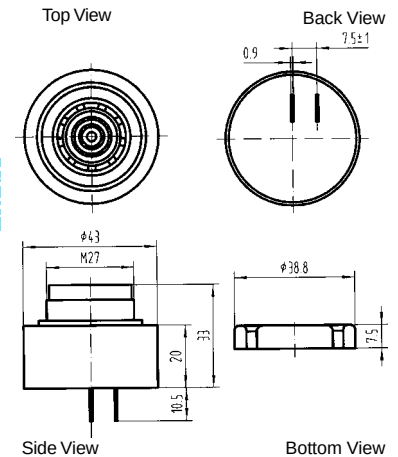


Model No	KPI-4310	KPI-4311	KPI-4312	KPI-4313	KPI-4314
Rated Voltage	12VDC	12VDC	12VDC	12VDC	12VDC
Operating Voltage	6~28VDC	6~28VDC	6~28VDC	6~28VDC	6~28VDC
Max. Rated Current	20mA at 12VDC	20mA at 12VDC	20mA at 12VDC	20mA at 12VDC	20mA at 12VDC
Min. Sound Pressure Level	80dB at 12VDC/60cm	80dB at 12VDC/60cm	80dB at 12VDC/60cm	80dB at 12VDC/60cm	80dB at 12VDC/60cm
Resonant Frequency	2.9jA0.5KHz	2.9jA0.5KHz	2.9jA0.5KHz	2.9jA0.5KHz	2.9jA0.5KHz
Tone Nature	Continuous	Slow Pulse	Fast Pulse	Continuous + Slow Pulse	Continuous + Fast Pulse
Operating Temperature	-20~+60jæ	-20~+60jæ	-20~+60jæ	-20~+80jæ	-20~+80jæ
Weight	36g	36g	36g	36g	36g

* Value applying at rated voltage

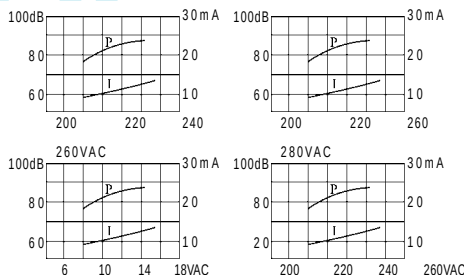


DIMENSIONS



all dimensions are in mm

KPI-4310-VAC series Piezo Buzzer

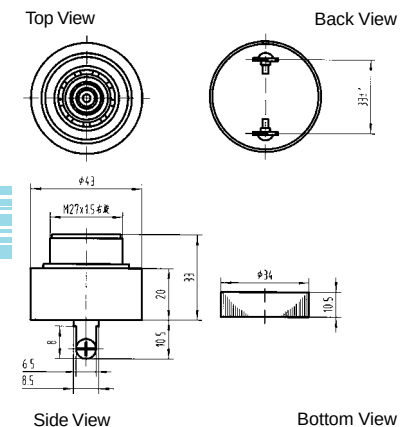


Model No	KPI-4310-230	KPI-4311-230	KPI-4311-12	KPI-4312-230
Rated Voltage	230VAC	230VAC	12VAC	230VAC
Operating Voltage	200~240VAC	200~240VAC	8~15VAC	200~240VAC
Max. Rated Current	20mA at 230VAC	20mA at 230VAC	20mA at 12VAC	20mA at 230VAC
Min. Sound Pressure Level	80dB at 230VAC/60cm	80dB at 230VAC/60cm	80dB at 12VAC/60cm	80dB at 230VAC/60cm
Resonant Frequency	2.9jA0.5KHz	2.9jA0.5KHz	2.9jA0.5KHz	2.9jA0.5KHz
Tone Nature	Continuous	Slow Pulse	Slow Pulse	Fast Pulse
Operating Temperature	-20~+60jæ	-20~+60jæ	-20~+60jæ	-20~+60jæ
Weight	40g	40g	40g	40g

* Value applying at rated voltage



DIMENSIONS



all dimensions are in mm