

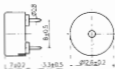


# PIEZO CERAMIC TRANSDUCER

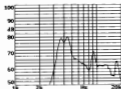
## XY13



### DIMENSIONS Unit:mm



### FREQUENCY RESPONSE



### SPECIFICATIONS

Type	XY13
Rated Voltage (V <sub>r</sub> p. Square Wave)	5
Operating Voltage (V <sub>o</sub> p)	1-30
Rated Current (mA)	< 1
Capacitance at 100Hz (pF)	12000±30%
Sound Output at 40Hz, 10cm (dB)	≥ 70
Resonant Frequency (Hz)	4000±500
Operating Temperature (°C)	-20~+60
Storage Temperature (°C)	-30~+70
Weight (g)	1

●Value varying at rated voltage

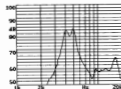
## XY14



### DIMENSIONS Unit:mm



### FREQUENCY RESPONSE



### SPECIFICATIONS

Type	XY14
Rated Voltage (V <sub>r</sub> p. Square Wave)	5
Operating Voltage (V <sub>o</sub> p)	1-30
Rated Current (mA)	< 1
Capacitance at 100Hz (pF)	15000±30%
Sound Output at 400Hz, 10cm (dB)	≥ 80
Resonant Frequency (Hz)	4000±500
Operating Temperature (°C)	-20~+70
Storage Temperature (°C)	-30~+80
Weight (g)	1

●Value varying at rated voltage