

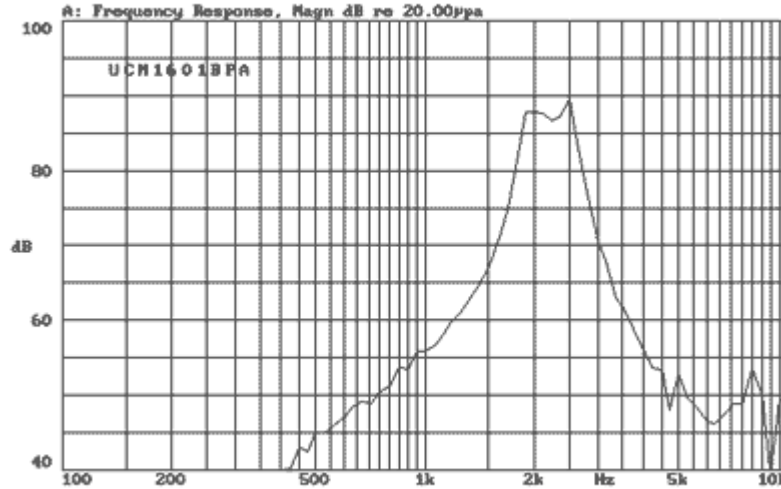


UCM1601BPA

Type	Unit	UCM1601BPA
Rated Voltage	V	1.5
Operating Voltage	V	1-3
*Rated Current(MAX)	mA	18
*Min Sound Output at 10 cm	dB	80
Coil Resistance	Ω	27 \pm 3
*Resonant Frequency	Hz	2048
Operating Temperature	$^{\circ}$ C	-20 - +70
Storage Temperature	$^{\circ}$ C	-30 - +80
Housing Material		NORYL
Weight	g	5

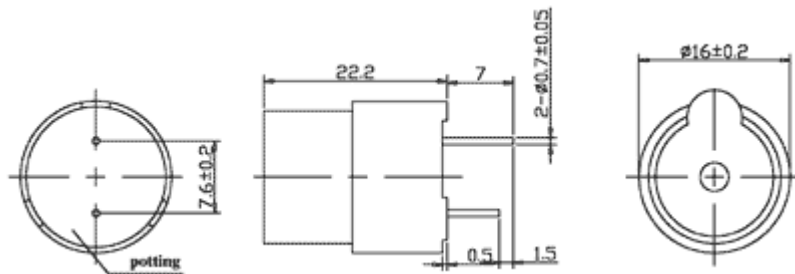
*Value Applying at Rated Voltage (resonant frequency, 1/2 duty, square wave)

FREQUENCY RESPONSE:



DIMENSIONS:

UNIT:mm
Tolerance: \pm 0.5mm
Wave Solderable and Washable



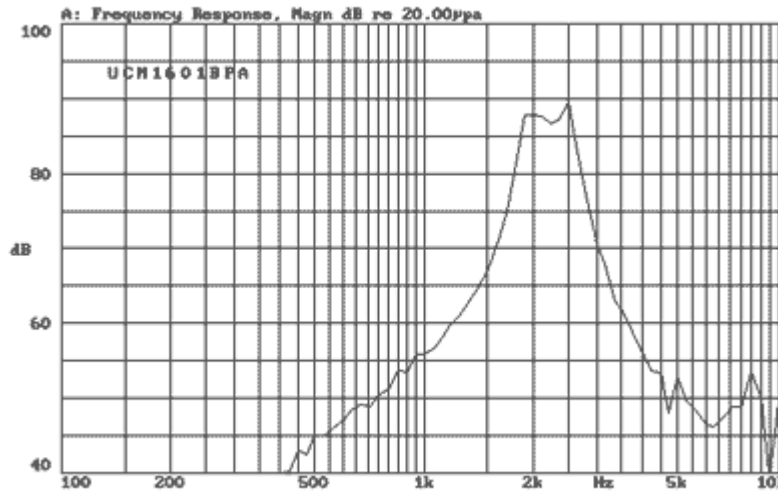


UCM1606BPA

Type	Unit	UCM1606BPA
Rated Voltage	V	6
Operating Voltage	V	4-8
*Rated Current(MAX)	mA	40
*Min Sound Output at 10 cm	dB	85
Coil Resistance	Ω	50 \pm 5
*Resonant Frequency	Hz	2048
Operating Temperature	$^{\circ}$ C	-20 - +70
Storage Temperature	$^{\circ}$ C	-30 - +80
Housing Material		NORYL
Weight	g	5

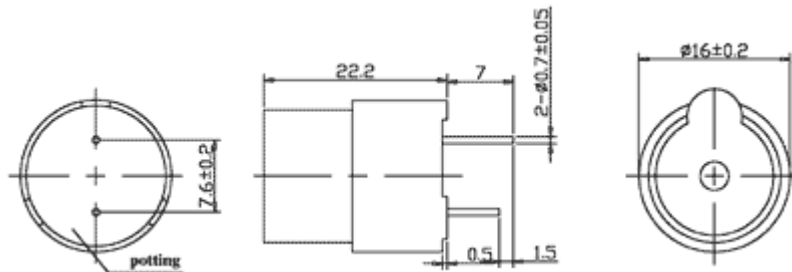
*Value Applying at Rated Voltage (resonant frequency, 1/2 duty, square wave)

FREQUENCY RESPONSE:



DIMENSIONS:

UNIT:mm
Tolerance: \pm 0.5mm
Wave Solderable and Washable



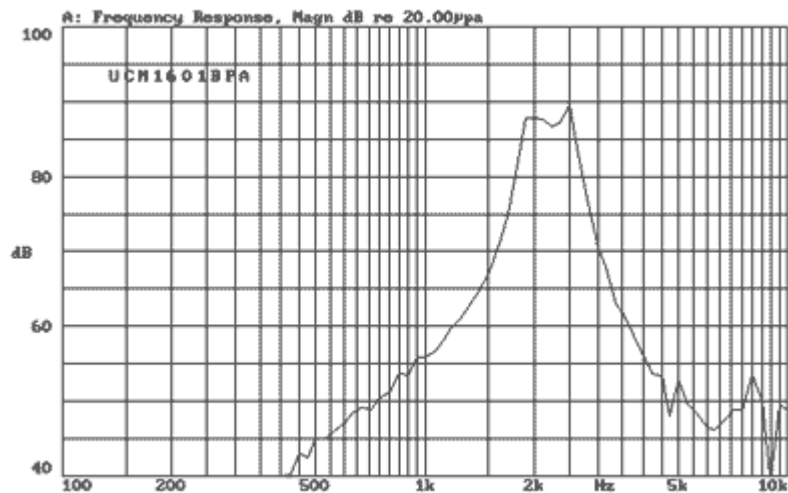


UCM1612BPA

Type	Unit	UCM1612BPA
Rated Voltage	V	12
Operating Voltage	V	9-15
*Rated Current(MAX)	mA	40
*Min Sound Output at 10 cm	dB	85
Coil Resistance	Ω	115 \pm 12
*Resonant Frequency	Hz	2048
Operating Temperature	$^{\circ}$ C	-20 - +70
Storage Temperature	$^{\circ}$ C	-30 - +80
Housing Material	NORYL	
Weight	g	5

*Value Applying at Rated Voltage (resonant frequency, 1/2 duty, square wave)

FREQUENCY RESPONSE:



DIMENSIONS:

UNIT:mm
Tolerance:±0.5mm
Wave Solderable and Washable

