

SPECIFICATIONS SHEET FOR APPROVAL

CONDENSER MICROPHONE (BACK ELECTRET)

P/N: OM4015GF403BS-01

DESCRIPTION: D4mm, H1.5mm Condenser Microphone,
Omni-Directional, back electret, -40 ± 3dB

VERSION: 01

DATE: 23-Jun-11

REVISIONS

VERSION	DESCRIPTION	DATE
01	Released from engineering	23-Jun-11

APPROVED BY :

CUSTOMER NAME :

DATE :

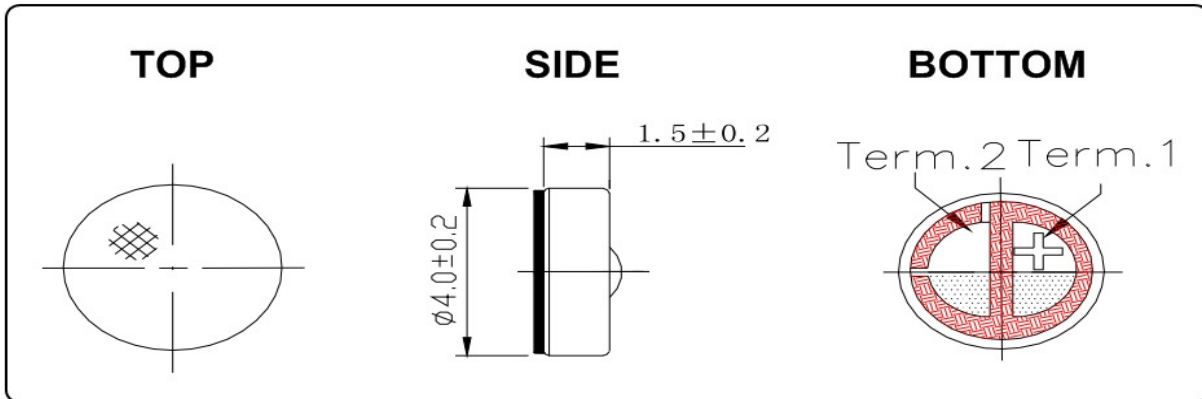
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P/N: OM4015CF403BS-01

1. SPECIFICATIONS

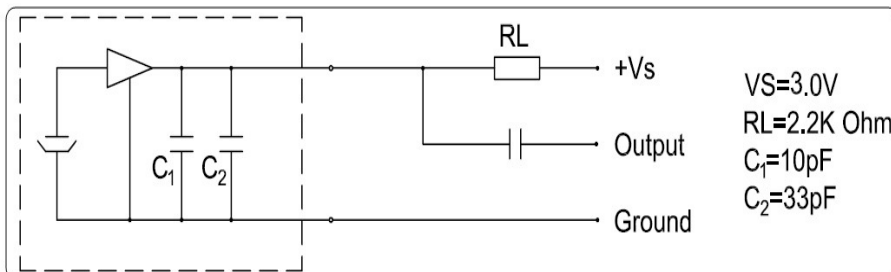
PARAMETERS	VALUES	UNITS
DIRECTIVITY	Omni-Directional	-
SENSITIVITY (0 dB = 1 V/pa AT 1 KHz)	-40 ± 3	dB
IMPEDANCE	Low Impedance	-
FREQUENCY RANGE	100 – 10,000	Hz
MAX OPERATING VOLTAGE	10	V
STANDARD OPERATION VOLTAGE (Vs)	3	V
RESISTANCE LOADING (RL)	2.2k	Ohm
MAX CURRENT CONSUMPTION	0.5	mA
S/N RATIO	>58	dB
OPERATING TEMPERATURE	-20 to +60	°C
STORAGE TEMPERATURE	-40 to +70	°C

2. DIMENSIONS (unit in mm)



Tolerance: ±0.5mm except specified

3. DRIVING CIRCUIT



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All specifications subject to change without notice