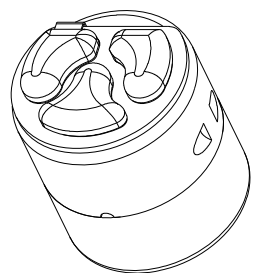
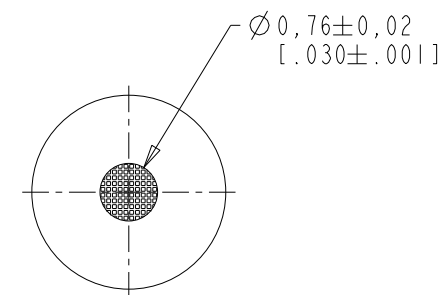
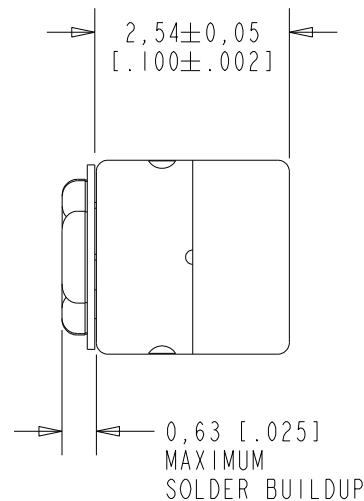
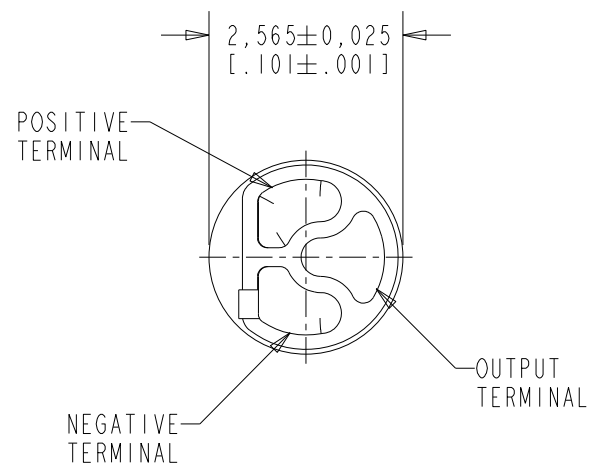


FG-23329-D65

SHT 1.1



DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES CORPORATION

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
I	MI0106960	11-18-16	Active	I
H	MI0106522	6-14-16		
G	MI0105709	10-20-14		
SCALE: 10:1			DR. BY SDZ	DATE 7-27-09
DO NOT SCALE DRAWING			CK. BY GJP	DATE 7-27-09
TITLE: MICROPHONE		FG-23329-D65	APP. BY GJP	DATE 7-27-09
OUTLINE DRAWING		SHT 1.1		

FG-23329-D65

SHEET 2.1

SENSITIVITY IN dB RELATIVE TO 1.0 VOLT/0.1 Pa (N/M²)
FOR CONDITIONS SHOWN BELOW.

-40dB

-45

-50

-55

-60

-65

-70

-75

-80

2

3

4

5

6

7

8

9

2

3

4

5

6

7

8

9

100

1000

10000

FREQUENCY IN HERTZ

SENSITIVITY

FREQUENCY

100

1000

10000

MIN.

-57.0

NOM.

-54.0

-54.0

-53.5

MAX.

-51.0

DEVICE CONFORMITY

RANGE OF DEVIATION FROM 1KHz

-3.0

0.0

-3.0

+3.0

0.0

+4.0

NOTES:

1. CASE CONNECTED TO NEGATIVE TERMINAL.

2. MICROPHONE TO BE FUNCTIONAL WITH 3.0 VDC SUPPLY.

3. TYPICAL SENSITIVITY TO HUMIDITY AT 1000Hz IS 0.06 dB/%RH

4. SENSITIVITY AND NOISE VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.

DC SUPPLY	AMPLIFIER CURRENT DRAIN	SENSITIVITY CHANGE ON CHANGING SUPPLY TO 0.9VDC AND 3.0 VDC	"A" WEIGHTED NOISE (1 kHz EQUIV. SPL)	OUTPUT IMPEDANCE OHMS		
				MIN.	NOM.	MAX.
1.3V	50 μA MAX.	3 dB MAX.	30.0 dB MAX.	2800	4400	6800

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
I	M10106960	11-18-16	Active	I
H	M10106522	6-14-16		
G	M10105709	10-20-14		

KNOWLES CORPORATION

WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR ELIMINATION OF EQUIPMENT AND TEST METHOD VARIATION

TITLE:

MICROPHONE

PERFORMANCE SPECIFICATION

FG-23329-D65

SHT 2.1

DR. BY

DATE

SDZ

7-27-09

CK. BY

DATE

GJP

7-27-09

APP. BY

DATE

GJP

7-27-09

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Knowles:](#)

[FG-23329-D65](#)