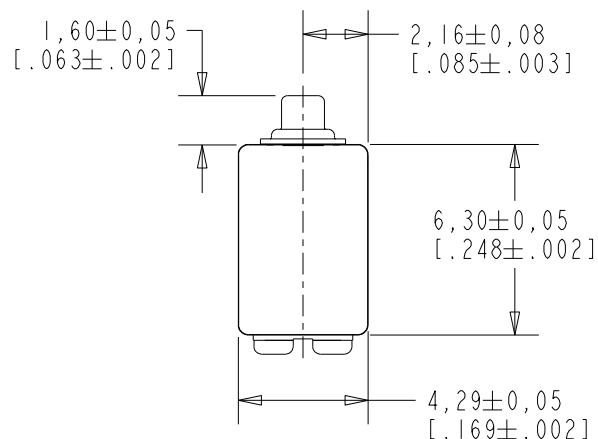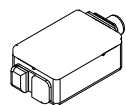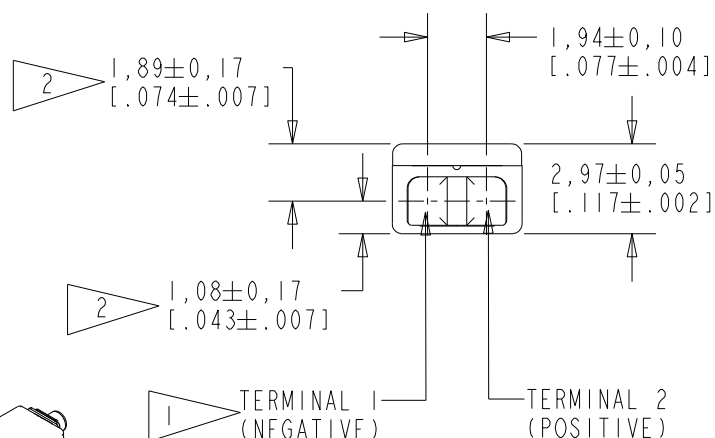ED-21912-000

SHT 1.1

NOTE:
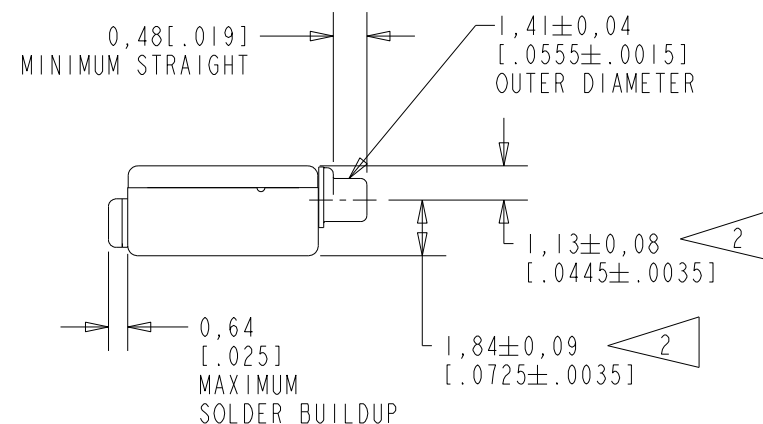
1 ▷ A POSITIVE GOING VOLTAGE AT TERMINAL 2, RELATIVE TO TERMINAL 1, CAUSES A DECREASE IN PRESSURE AT THE SOUND OUTLET.

2 ▷ LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER. HORIZONTAL LOCATION FOR TERMINAL CENTERED TO ±0,17 [.007].

1,60±0,05 [.063±.002]

2,16±0,08 [.085±.003]

6,30±0,05 [.248±.002]

4,29±0,05 [.169±.002]

2 ▷ 1,89±0,17 [.074±.007]

1,94±0,10 [.077±.004]

2,97±0,05 [.117±.002]

2 ▷ 1,08±0,17 [.043±.007]

1 ▷ TERMINAL 1 (NEGATIVE)

TERMINAL 2 (POSITIVE)

0,48[.019] MINIMUM STRAIGHT

1,41±0,04 [.0555±.0015] OUTER DIAMETER

1,13±0,08 [.0445±.0035] ◁ 2

0,64 [.025] MAXIMUM SOLDER BUILDUP

1,84±0,09 [.0725±.0035] ◁ 2

SCALE 2:1

NOMINAL WEIGHT .31 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	P10000657	7-8-16	Active	C
B	C10107990	7-31-08		
A	C10103544	1-4-06		

SCALE: 4:1	DR. BY CRG	DATE 1-4-06
DO NOT SCALE DRAWING	CK. BY GJP	DATE 1-5-06
TITLE: RECEIVER ED-21912-000		
OUTLINE DRAWING SHT 1.1	APP. BY GJP	DATE 1-5-06

KNOWLES CORPORATION

KE111ASIZE.FRM   Rev: B

SENSITIVITY IN dB RELATIVE TO 20μPa FOR CONDITIONS SHOWN BELOW

FREQUENCY IN HERTZ

NOTES:

1. MEASUREMENTS MADE USING 10mm (.394") X 1mm (.039") ID TUBE CONNECTED TO A SIMULATED ANSI S3.7 TYPE HA-3 COUPLER. (IEC 60318-5).

2.   SENSITIVITY

FREQUENCY	MIN.	MAX.
200	99.5	103.5
500	100.0	104.0
1000	102.0	106.0
1900-2300	115.0	119.0
3200-3900	102.5	---
4000-5000	109.0	113.0

3. RESPONSE, IMPEDANCE, AND DISTORTION MEASUREMENTS MADE USING THE ELECTRICAL TEST CONDITIONS SHOWN BELOW.

4. ELECTRICAL SOURCE IMPEDANCE MUST BE GREATER THAN 20 TIMES 1KHz IMPEDANCE FOR TEST CONDITIONS SHOWN BELOW.

5. INDIVIDUAL SPECIFICATIONS.

PORT LOCATION	IMPEDANCE OHMS ±15%		DCR @20°C OHMS ±10%	DISTORTION		ELECTRICAL TEST CONDITIONS	
	1KHz	500Hz		MAX. %	FREQ Hz	AC mA RMS	DC mA
12C	725	395	196	5	800	0.70	1.00

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:	RECEIVER	ED-21912-000	
	PERFORMANCE SPECIFICATION	SHT 2.1	

DR. BY	DATE
CRG	1-4-06
CK. BY	DATE
GJP	1-5-06
APP. BY	DATE
GJP	1-5-06

Mouser Electronics

Authorized Distributor

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