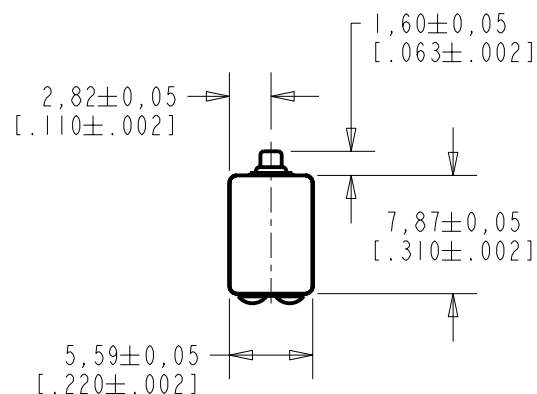


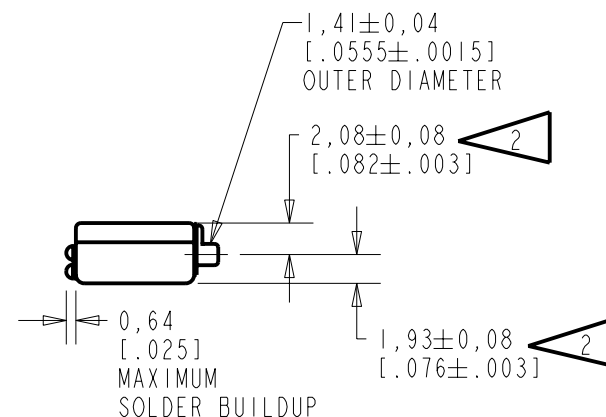
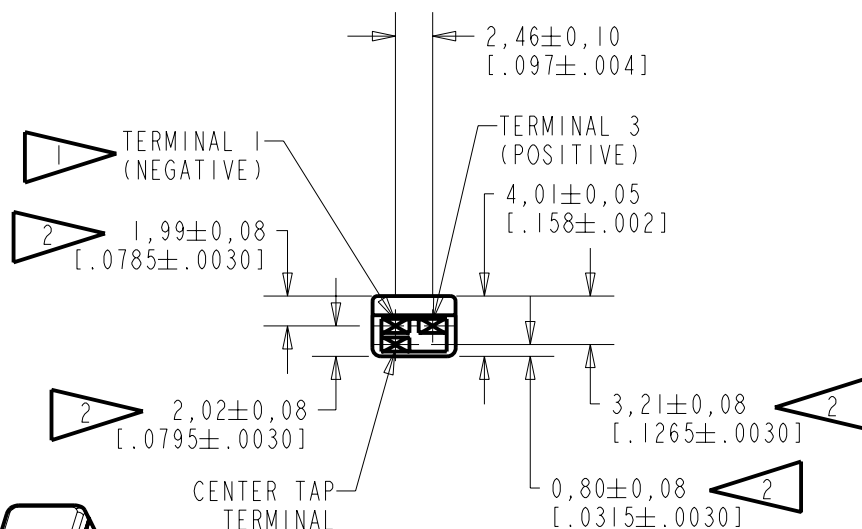
BK-21615-000

SHT 1.1



NOTES:

- 1 A POSITIVE GOING VOLTAGE AT TERMINAL 3, 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 $\pm 0,17$ [0.007].

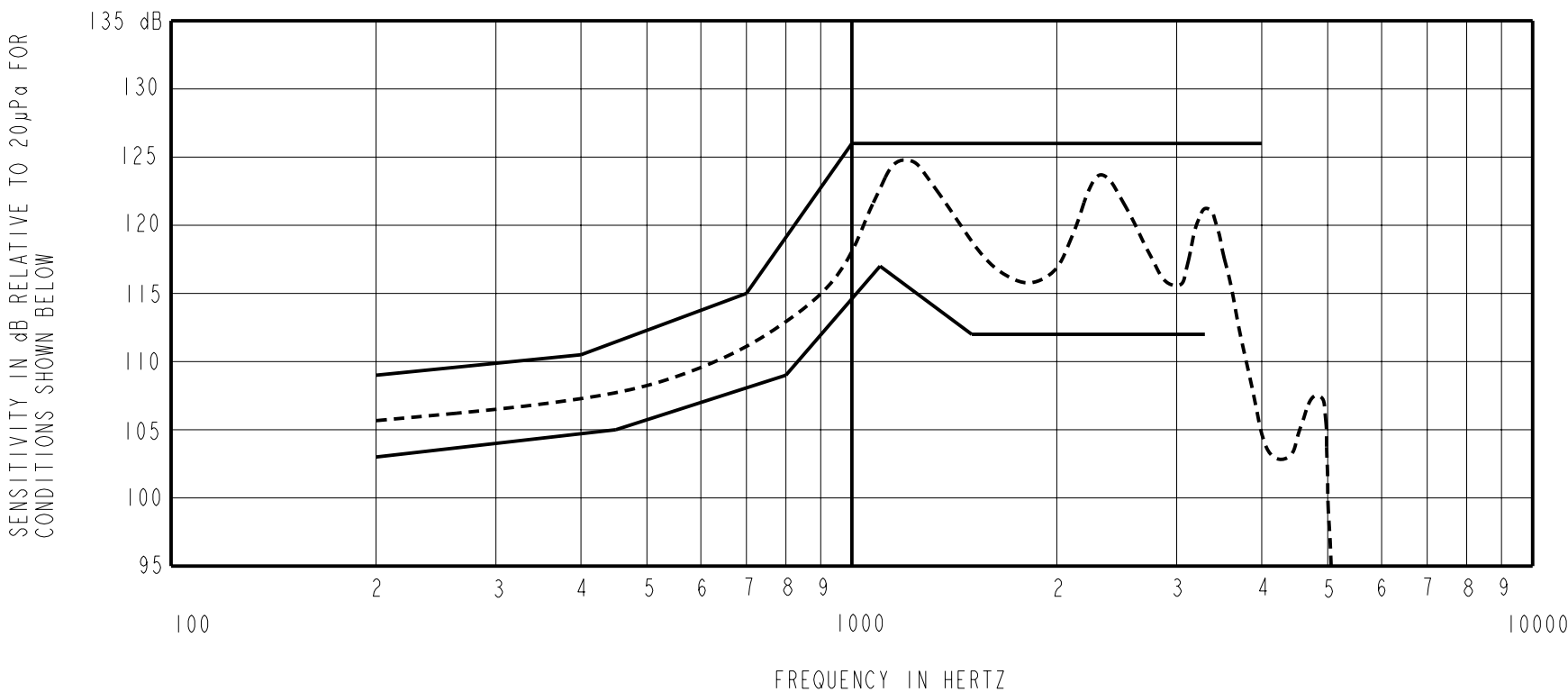


NOMINAL WEIGHT
.66 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	C10106382	8-23-07	Released	B
A	C10103265	10-20-05		
SCALE: 2:1			DR. BY	DATE
DO NOT SCALE DRAWING			MMM	10-20-05
TITLE: RECEIVER OUTLINE DRAWING			CK. BY	DATE
			GJP	10-21-05
			APP. BY	DATE
			GJP	10-21-05
			BK-21615-000	
			SHT 1.1	



NOTES:

1. MEASUREMENTS MADE USING 27,9mm (1.100") X 1,4mm (.053") ID+10,2mm(.400")x 1,8mm(.070") ID + 23,1mm(.201") x 3,0mm(.118") ID TUBE CONNECTED TO 2CC COUPLER (T1278 AND B & K DB0138)

	SENSITIVITY	
FREQUENCY	MIN.	MAX.
200	103.0	109.0
400	---	110.5
450	105.0	---
700	---	115.0
800	109.0	---
1000	---	126.0
1100	117.0	---
1500	112.0	126.0
3300	112.0	---
4000	---	126.0

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 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
12S	1200	450	160	10	500	0.78	0.00

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
B	C10106382	8-23-07	Released		B
A	C10103265	10-20-05			
KNOWLES ELECTRONICS ITASCA, ILLINOIS U.S.A.			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		DR. BY DATE
			TITLE: RECEIVER PERFORMANCE SPECIFICATION		MMM 10-20-05
					CK. BY DATE
					GJP 10-21-05
			BK-21615-000 SHT 2.1		APP. BY DATE
					GJP 10-21-05

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