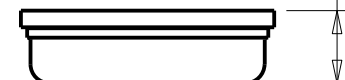
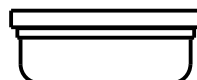
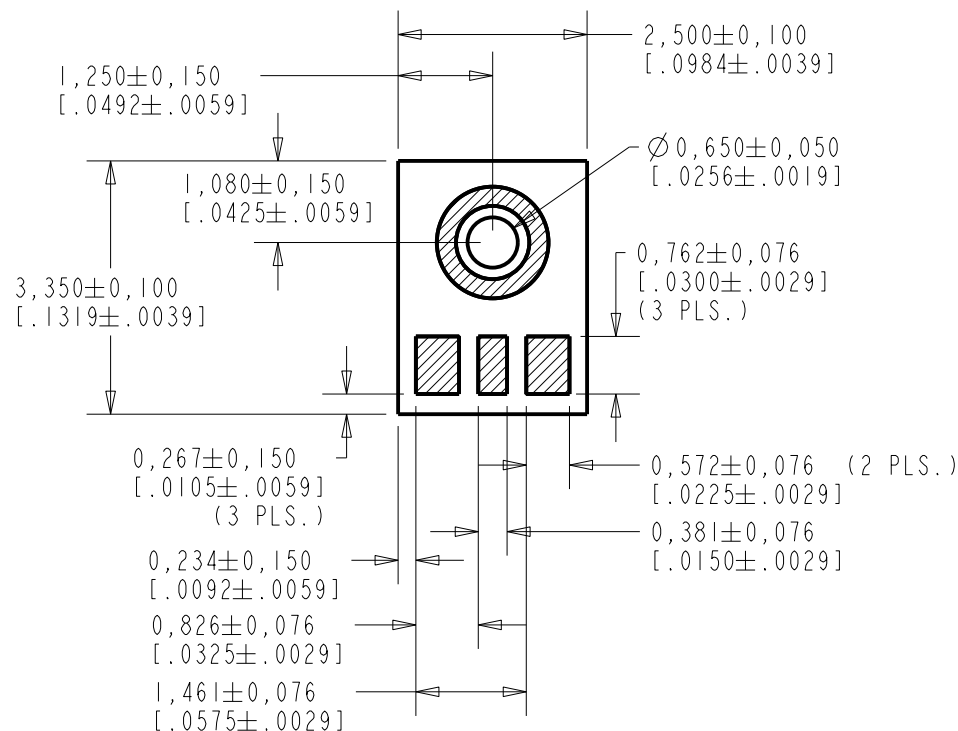


MOM-32325-B118

SHT 1.1

NOTES:

1. DO NOT PULL A VACUUM OR APPLY AIR PRESSURE OVER THE PORT HOLE OF THE MICROPHONE. PULLING A VACUUM OR APPLYING AIR PRESSURE OVER THE PORT HOLE CAN DAMAGE THE DEVICE.
2. DO NOT INSERT ANY OBJECT IN PORT HOLE OF DEVICE AT ANY TIME AS THIS CAN DAMAGE THE DEVICE.
3. RECOMMEND NO MORE THAN 3 REFLOW CYCLES.



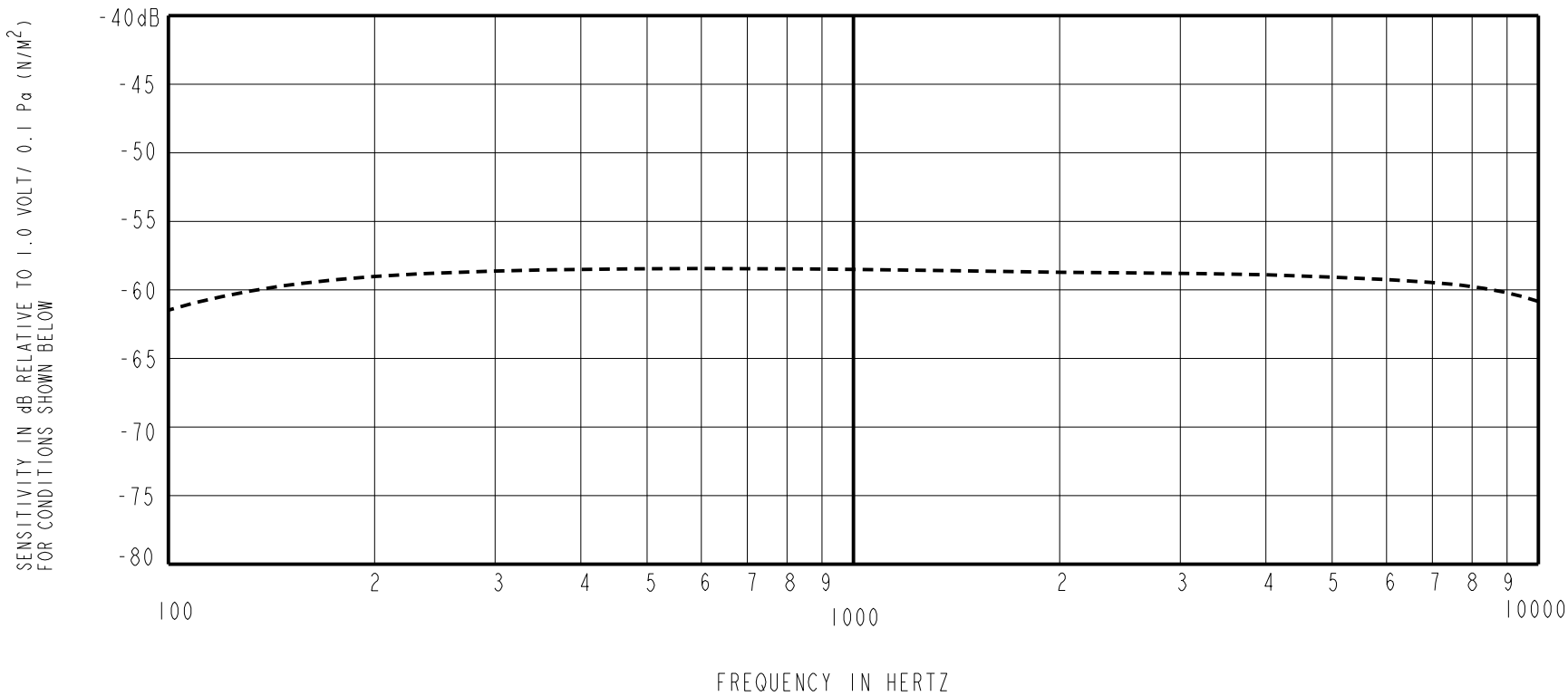
NOMINAL WEIGHT
.020 GRAMS

DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	A
A	MI0106081	5-29-15		
SCALE: 10:1			DR. BY SSUN	DATE 5-29-15
DO NOT SCALE DRAWING			CK. BY GJP	DATE 5-29-15
TITLE: MICROPHONE			APP. BY GJP	DATE 5-29-15
OUTLINE DRAWING			MOM-32325-B118 SHT 1.1	

TYPICAL SENSITIVITY

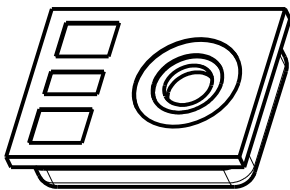


SENSITIVITY MEASURED IN A PRESSURE CAVITY UNDER THE NOMINAL CONDITIONS SHOWN BELOW

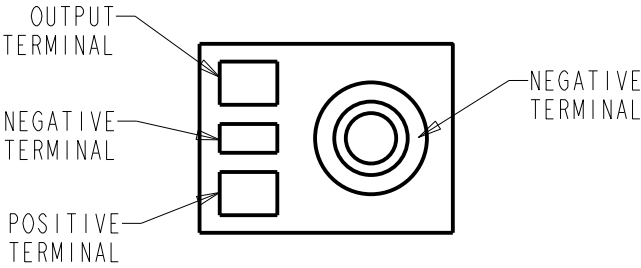
POWER REQUIREMENT						
PARAMETER		UNIT	MINIMUM	NOMINAL	MAXIMUM	REMARKS
SUPPLY VOLTAGE RANGE		VDC	0.9	0.9	1.3	OPERATING

PERFORMANCE						
PARAMETERS		UNIT	MINIMUM	NOMINAL	MAXIMUM	REMARKS
SENSITIVITY	100 Hz	dB	-4.5	-2.5	-0.5	re SENSITIVITY AT 1 kHz
	1000 Hz	dB	-61.5	-58.5	-55.5	dB re 1V/0.1Pa
	10 kHz	dB	-5.0	-2.0	+1.0	re SENSITIVITY AT 1 kHz
CURRENT DRAIN		μA	-	28	39	-
A-WEIGHTED NOISE		dB SPL	-	26.5	30	INPUT REFERRED NOISE re SENSITIVITY AT 1kHz
OUTPUT IMPEDANCE		Ohms	3200	4450	5700	-

- NOTES: 1. REFLOWED CUP CONNECTED TO NEGATIVE TERMINAL.
2. PERFORMANCE PARAMETERS ARE VALID AT 0.9 VDC. TYPICAL TEST ENVIRONMENT:50% RH, 21°C (70°F)
3. SETTLE VL SPEC RANGES FROM 0.53 TO 0.67 AT 0.9 VDC BY DESIGN.



PORT LOCATION: 12JPn



TERMINAL DEFINITION

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	A
A	M10106081	5-29-15		
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
			SSUN	5-29-15
TITLE: MICROPHONE			CK. BY	DATE
			GJP	5-29-15
PERFORMANCE SPECIFICATION			APP. BY	DATE
			GJP	5-29-15
			MOM-32325-B118	
			SHT 2.1	

