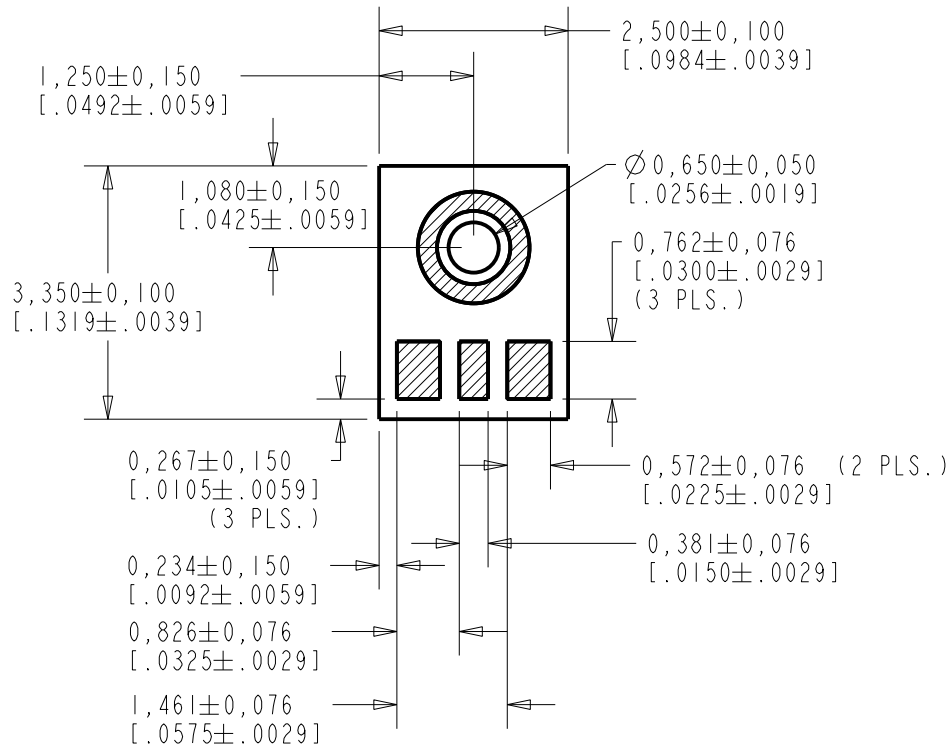


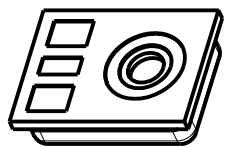
MOM-32325-000

SHT 1.1

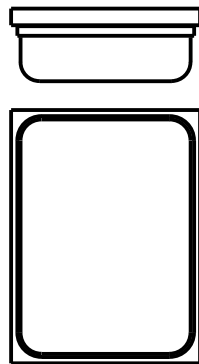


NOTES:

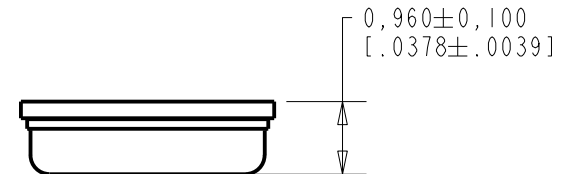
1. DO NOT PULL A VACUUM OR APPLY AIR PRESSURE OVER THE PORT HOLE OF THE MICROPHONE. PULLING A VACUUM OR APPLYING AIR PRESSURE OVER THE PORT HOLE CAN DAMAGE THE DEVICE.
2. DO NOT INSERT ANY OBJECT IN PORT HOLE OF DEVICE AT ANY TIME AS THIS CAN DAMAGE THE DEVICE.
3. RECOMMEND NO MORE THAN 3 REFLOW CYCLES.



NOMINAL WEIGHT
.020 GRAMS



DIMENSIONS IN MILLIMETERS [INCHES]

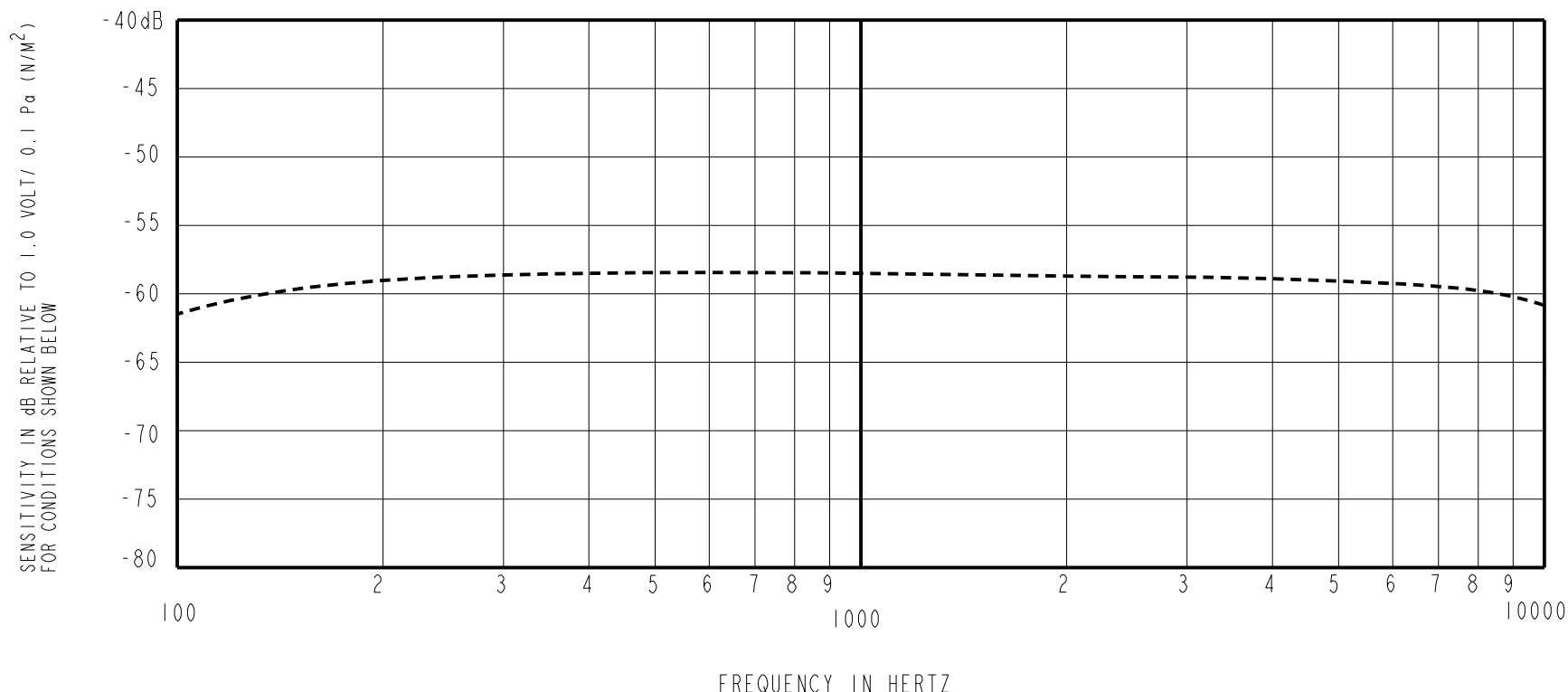


Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	MI0105812	11-17-14	Active	A

SCALE: 10:1		DR. BY: JL	DATE: 11-17-14
DO NOT SCALE DRAWING			
TITLE: MICROPHONE		APP. BY: GJP	DATE: 11-20-14
OUTLINE DRAWING		APP. BY: GJP	DATE: 11-20-14
MOM-32325-000		SHT 1.1	

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TYPICAL SENSITIVITY

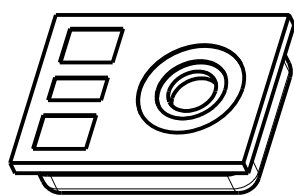


SENSITIVITY MEASURED IN A PRESSURE CAVITY UNDER THE NOMINAL CONDITIONS SHOWN BELOW

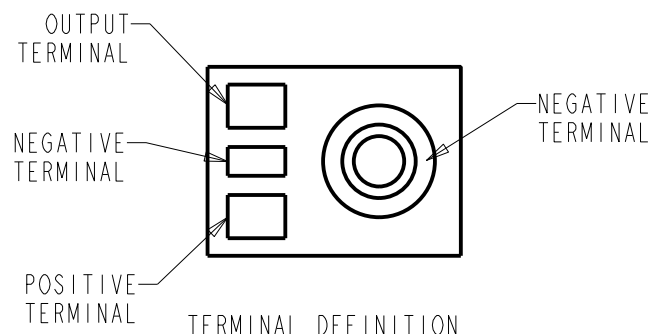
POWER REQUIREMENT					
PARAMETER	UNIT	MINIMUM	NOMINAL	MAXIMUM	REMARKS
SUPPLY VOLTAGE RANGE	VDC	0.9	0.9	1.3	OPERATING

PERFORMANCE					
PARAMETERS	UNIT	MINIMUM	NOMINAL	MAXIMUM	REMARKS
SENSITIVITY	100 Hz	-4.5	-2.5	-0.5	re SENSITIVITY AT 1 kHz
	1000 Hz	-61.5	-58.5	-55.5	dB re 1V/0.1Pa
	10 kHz	-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



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	MI0105812	11-17-14	Active	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
	JL	11-17-14
	CK. BY	DATE
	GJP	11-20-14
TITLE:	MICROPHONE	MM-32325-000
	PERFORMANCE SPECIFICATION	SHT 2.1
		APP. BY
		DATE
		GJP
		11-20-14

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