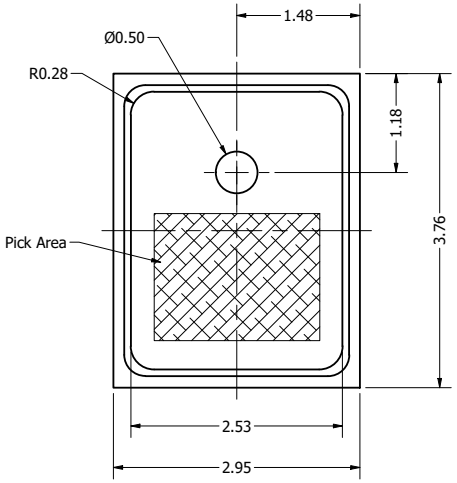
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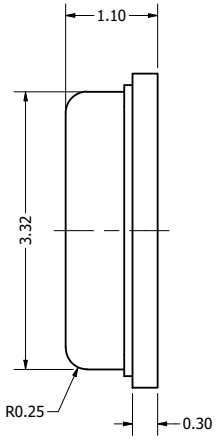
Part Number: MM034202-1	DRAWN CJ	2/2/2016
	CHECKED P.D.	3/18/2016
Description: Analog MEMS Microphone	APPROVED J.S.	3/18/2016

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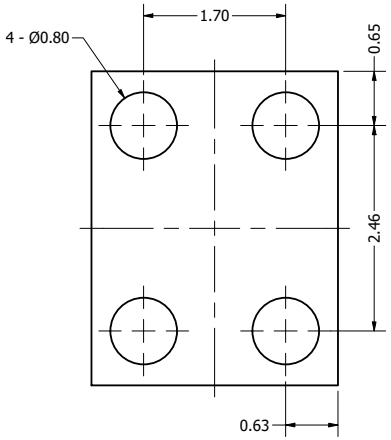
Top View



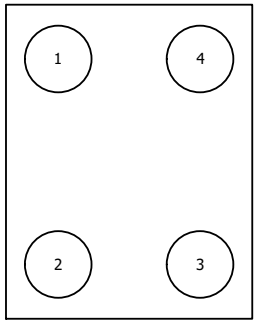
Side View



Bottom View (1)



Bottom View (2)



PINS			
PIN 1	PIN 2	PIN 3	PIN 4
VDD	GND	GND	OUTPUT

Items	Specifications	Conditions
Directivity	Omnidirectional	
Sensitivity	-42	dB
Frequency Range	70 ~ 16,000	Hz
Rated Voltage	2	V
Voltage Range	1.5 ~ 3.6	V
Output Impedance	300	Ω
Max. Rated Current	0.16	mA
Storage Temperature	-40 ~ +100	°C
Operating Temperature	-40 ~ +100	°C
Signal to Noise Ratio	58	dB
Mount Type	Surface Mount	
Connection Method	Surface Mount Pads	

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
	Released from Engineering	3/18/2016	J.S.
1	Updated impedance condition, pin 4 description	10/23/2018	C.E.

NOTES

1) All dimensions are in mm unless otherwise noted
2) All tolerances are ± 0.5 mm unless otherwise noted
3) All parts meet RoHS
4) Subject to change or redrawn without notice

Additional considerations can be found at www.dbunlimitedco.com/technical-articles.