


Technical drawing of a mechanical part with the following dimensions:

- Overall width:  $1.5 \pm 0.2$
- Overall height:  $2.8 \pm 0.3$
- Internal hole diameter:  $\varnothing 0.40 \pm 0.05$
- Internal hole depth:  $1.4 \pm 0.2$
- Overall height (including internal hole):  $\varnothing 4 \pm 0.2$

Top view of the PCB layout. It shows a circular pad with a central crosshair. A dimension line indicates a width of 0.4. Term.1 is labeled at the top right, and Term.2 is labeled at the bottom right. A small circle is located near the center of the pad.

Specifications			Notes	Revision History					
Description	Value	Unit		Version	Description		Date	Approved	
Directivity	Omnidirectional		1) All dimensions are in mm unless otherwise noted 2) All parts meet RoHS	1	Released from Engineering		10/21/2013	J.S	
Technology	Electret Condenser								
Sensitivity	-42	(dB)							
Frequency Range	50 ~ 16,000	(Hz)							
Rated Voltage	2	(V)							
Output Impedance	2,200	(Ohm)							
Connection Method	PC Pins								
Voltage Range	2 ~ 10	(V)							
Max Rated Current	0.5	(mA)							
Minimum Signal to Noise Ratio	>60	(dB)							
Operating Temperature	-20 ~ +60	°C		Drawn by	Date	Checked by	Date	Approved by	Date
Storage Temperature	-25 ~ +70	°C		A.B.	10/21/2013	C.E.	10/21/2013	J.S	10/21/2013
DB UNLIMITED			Electret Condenser Microphone			MO044202-2			