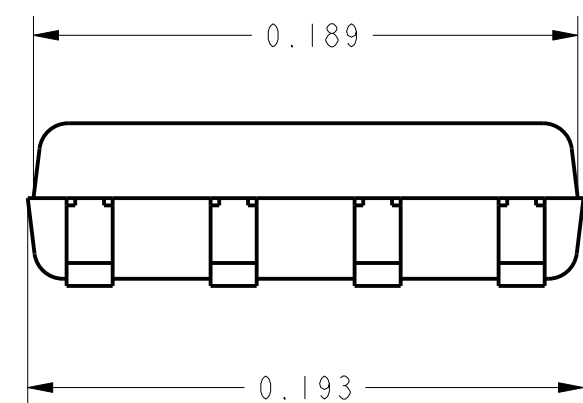
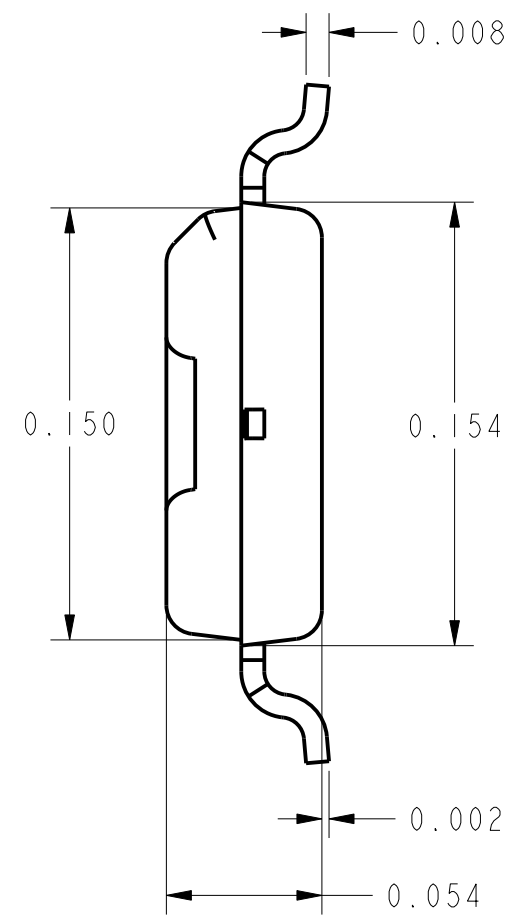
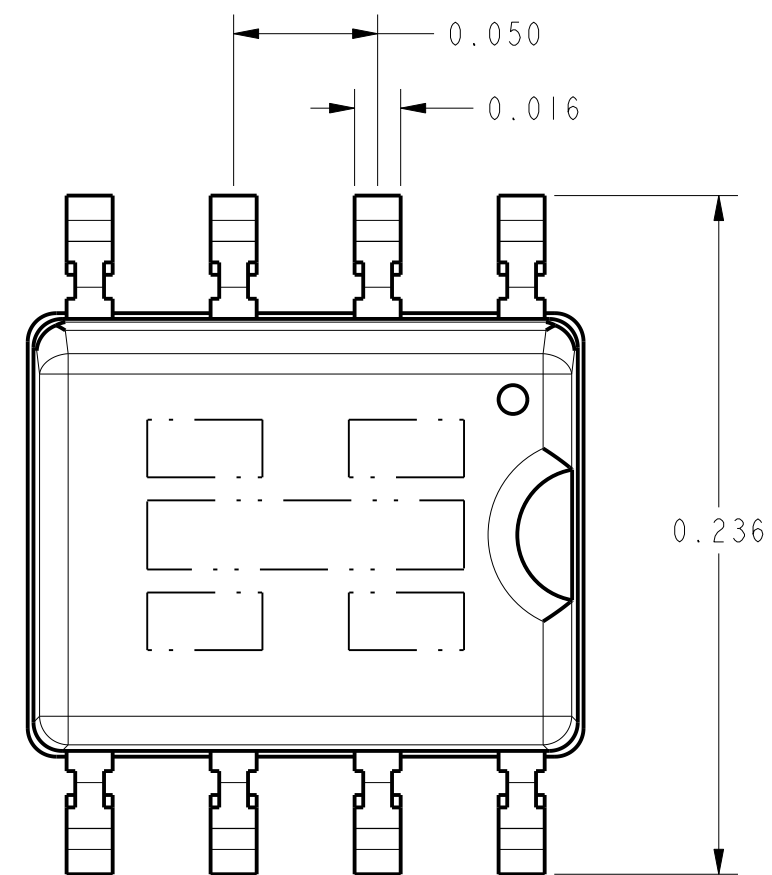


A 3D perspective view of a rectangular circuit board. The top surface features a grid of six rectangular components arranged in two rows of three. There are four connectors on the bottom edge, each with a unique shape. The board has a slightly raised, rounded profile.



CHARACTERISTIC	SYMBOL	CONDITIONS	MIN	MAX	UNIT
OPERATING TEMP	T_a	AMBIENT $4.5V \leq V_S \leq 30V$	-40	150	$^{\circ}C$
STORAGE TEMP	T_S	AMBIENT, NO POWER SUPPLIED	-55	170	$^{\circ}C$
SOLDERING TEMP		10SEC MAXIMUM		245	$^{\circ}C$
SUPPLY VOLTAGE	U_S	TEMP $-40^{\circ}C \leq T_a \leq 150^{\circ}C$	-0.5	30	V

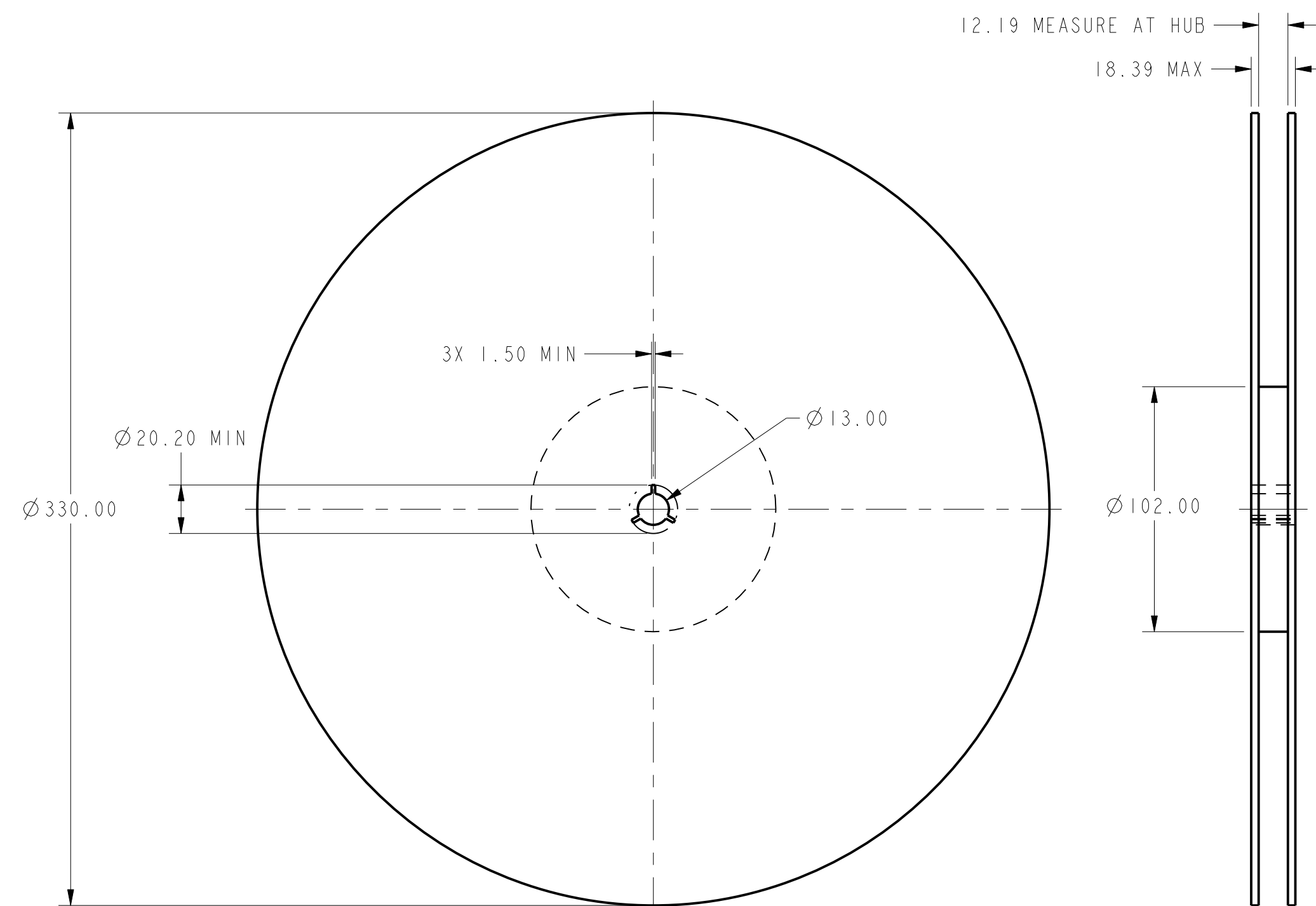
CHARACTERISTIC	SYMBOL	CONDITIONS	MIN	TYPICAL	MAX	UNIT
REVERSE VOLTAGE	V_s		-24			V
SUPPLY CURRENT	I_s	IOL = 20mA, ON OR OFF		7	10	mA
SATURATION VOLTAGE	V_{sat}	$V_s = 4.5V$, IOL = 20mA, ON STATE			0.4	V
LEAKAGE CURRENT	I_L	$V_s = 24V$, OUT= 24V, OFF STATE			10	μA
OUTPUT SHORT CIRCUIT		W/O CURRENT LIMITING RESISTOR			24	V
DUTY CYCLE		EQUAL POLES, CONSTANT ROTATION	30	50	70	%
PITCH ERROR		EQUAL POLES, 180° POLES	-2.61		2.56	°

PIN #	CONNECTION
1	NC
2	VOUT
3	NC
4	VCC
5	NC
6	NC
7	GND
8	NC

```

12.19 MEASURE AT HUB —→ | |
                          | |
18.39 MAX —→ | |

```



Technical drawing of a mechanical part, showing a side view and two cross-sections (A-A and B-B).

Dimensions:


- Overall width: 12.00
- Top flange thickness: 1.75
- Distance from top flange to center of first hole: 5.50
- Distance between centers of adjacent holes: 8.00
- Distance from center of hole to section line A-A: 4.00
- Distance from center of hole to section line B-B: 2.00
- Section A-A width: 6.41
- Section B-B height: 5.20
- Section B-B width: 2.10

Section A-A: Shows a cross-section of the part, with a central hole of diameter $\varnothing 1.50$.

Section B-B: Shows a cross-section of the part, with a central hole of diameter $\varnothing 1.50$.

Target Rotation (Degrees)	Sensor Output (V)
0	0
45	5
135	0
225	5
315	0
360	0



DESIGN UNITS: INCH		DRAWN		JLH		7 JUL 05		<div><div>Honeywell</div><div>SOLID STATE SENSOR</div></div>			
TOLERANCES UNLESS NOTED:		CHECK		JLH		7 JUL 05					
NO PLACE X ± 0.000		THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE PERMISSION OF HONEYWELL.		TITLE							
ONE PLACE .XX ± 0.030											
TWO PLACE .XXX ± 0.015											
THREE PLACE .XXXX ± 0.005											
FOUR PLACE .XXXXX ± 0.0005		INTERPRET PER ASME Y14.5M-1994 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY		SIZE		TYPE		DRAWING NAME		REV	
ANGLES X ± 3				D		I		VF651B-SP		A	
THIRD ANGLE PROJECTION				Prof/ENGINEER		3D SCALE		-		SHEET 1 OF 1	