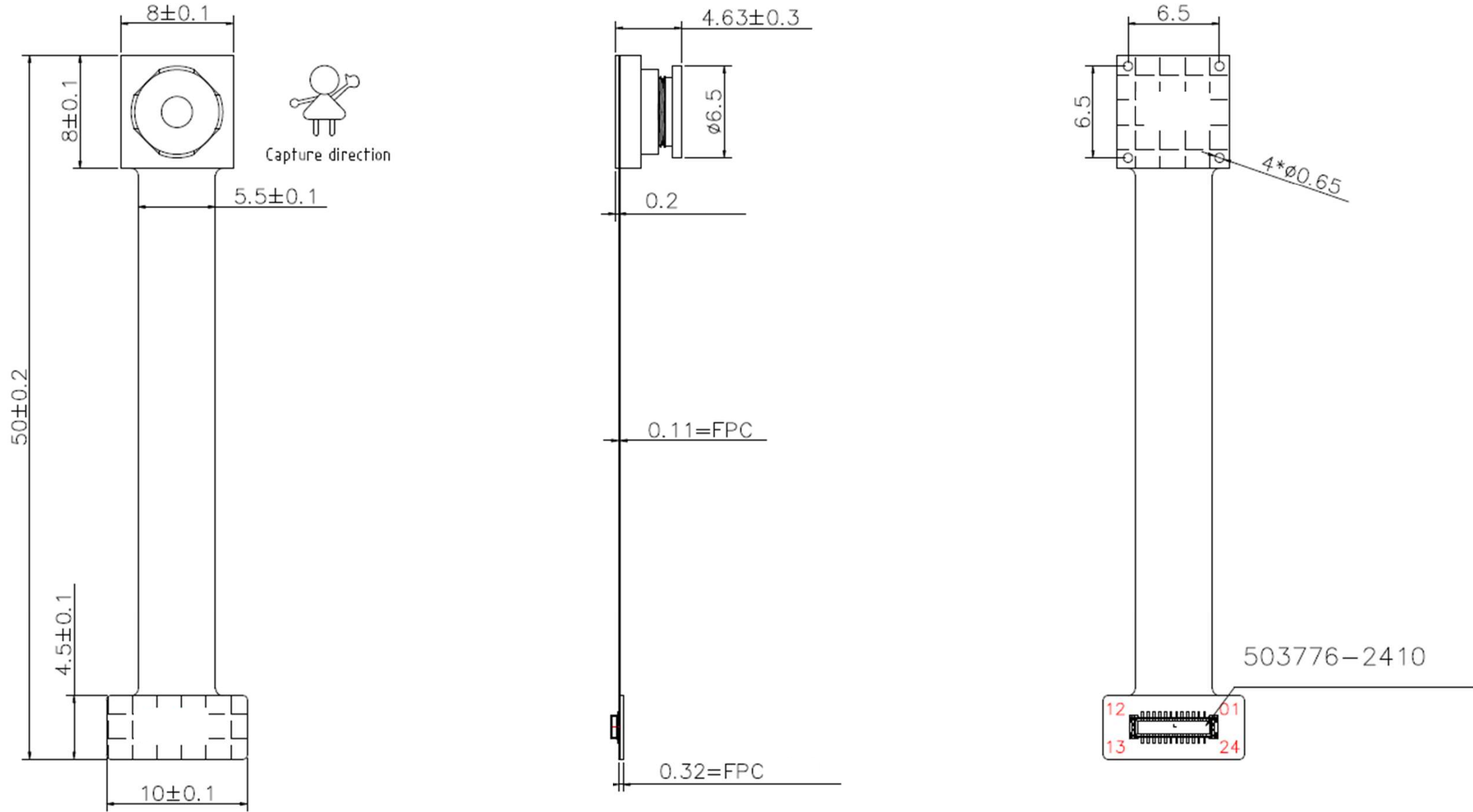


MODALAI, INC. M0015

OV7251 VGA Sensor for VOXL® Stereo



LENS SIZE:	1/7.5 Inch	CMOS SENSOR:	OV7251
EFL:	1.7mm	Array Size:	640*480
F. NO:	2.5	DVDD:	Internal (1.5V)
FOV:	85°	DOVDD:	1.8V±0.1V
Distortion:	<3.5%	AVDD:	2.8V±0.1V

Pin	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15
	DGND	XCLK	DGND	XSHUT DOWN	STROBE	DGND	MDP	MDN	DGND	MCP	MCN	DGND	ULPM	FSIN	NC
	#16	#17	#18	#19	#20	#21	#22	#23	#24						
	DGND	SIO_D	SIO_C	DGND	DOVDD	NC	DGND	AVDD	AGND						

- 1 INTERPRET DRAWING PER ASME Y14.100.
- 2 INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009.
- 3 ALL DIMENSIONS IN MILLIMETERS. INCHES WHERE INDICATED. POSSIBLE MIXED DIMENSIONS WITHIN A SINGLE DRAWING.
- 4 ALL MATERIALS AND PROCESSES USED TO MANUFACTURE THIS COMPONENT SHALL COMPLY WITH THE EUROPEAN UNION DIRECTIVE 2011/65/EU ON THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS).

THIRD ANGLE PROJECTION		
UNLESS OTHERWISE SPECIFIED		
DIMENSION UNITS ARE AS NOTED/PER NOTE 2 AND APPLY AFTER SURFACE TREATMENT		
TOLERANCES		
LINEAR		ANGULAR
MM	INCHES	EXCL OF SHEET METAL FLANGES
X +/- .25	X +/- .1	+/- 0 DEG 30'
X.X +/- .076	X.X +/- .03	
X.XX +/- .025	X.XX +/- .010	
HOLE DIAMETERS		
MM	INCHES	
0.34 - 6.35	+0.13 - 0.03	.013 - .250 +.005 - .001
6.37 - 12.70	+0.15 - 0.03	.251 - .500 +.006 - .001
12.72 - 25.40	+0.25 - 0.03	.501 - 1.000 +.010 - .001

		M0015		
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WWW.MODALAI.COM	SIZE B	DWG NO MDOC-M0015	REV A	
MODALAI PROPRIETARY	11/02/2021	SHEET	1 OF 1	