

# Revision History

Sheet  
1 of 4



CUSTOMER: (-)

## APPROVALS

CUSTOMER PN:

PART NUMBER: 20018051-50

Engineering

Date

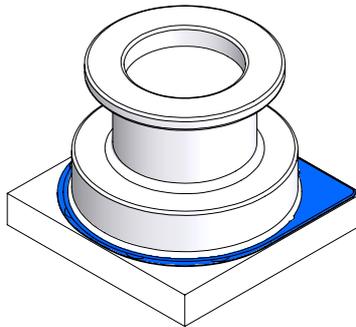
DESCRIPTION: MS5849-30BA36 CL RESISTANT

Quality

Date

REF DOC: DS\_MS5849-30BA

REV	DATE	REASON	DESCRIPTION
1	02.09.2020	Initial Release	
2	21.07.2020	Clarification	PN updated to T&R Marking on substrate updated
3	23.08.2022	Clarification	Printed substrate updated to revision D T&R drawing added
4	24.01.2023	Clarification	Printed substrate updated to revision E Labelling updated





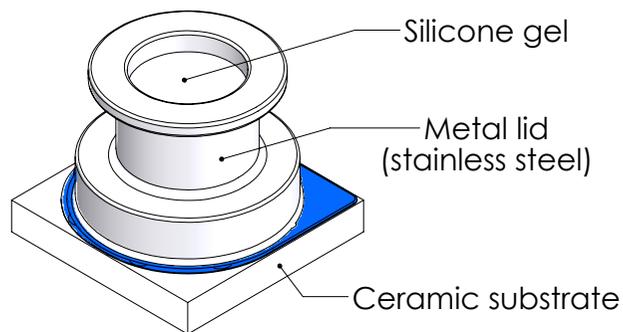
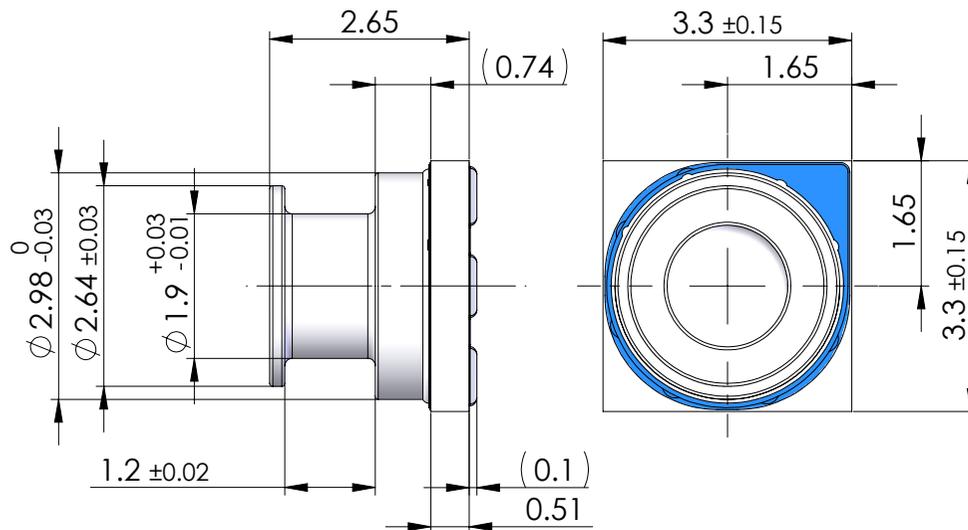
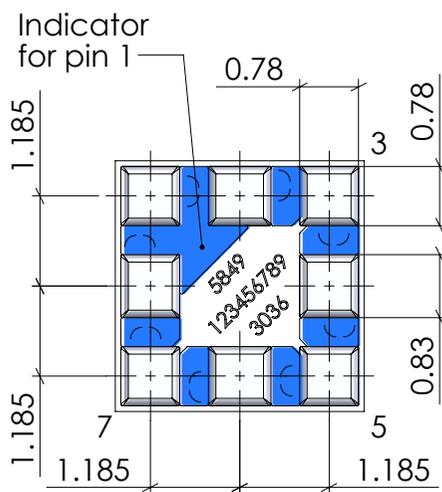
DESCRIPTION

**MS5849-30BA36 CL RESISTANT**

DRAWING NO: C-20018051-50	-
PROJECT: PRJ-20-000902636	PAGE: 2 OF 4
REVISION: 4	SCALE: 10:1
REVISION DATE: 24.01.2023	SHEET SIZE: A4
UNLESS OTHERWISE SPECIFIED DIM ARE IN MILLIMETERS LINEAR DIMENSIONS ± 0.15	

PART NUMBER	MODEL NUMBER	RANGE (BARA)	CUSTOMER P/N
20018051-50	MS5849-30BA36	30 BAR	

<small>THESE DRAWINGS ARE FURNISHED FOR INFORMATION ONLY. ALL DIMENSIONS SHOWN ARE SHEET SPECIFIC. USE OF THESE DRAWINGS (INCLUDING DESIGN AND DIMENSIONS) MUST BE CHECKED BY USER'S ENGINEER ENSURING ADEQUACY FOR THE INTENDED USE. REVISIONS OR ADDITIONS TO THESE DRAWINGS SHALL BE ISSUED PERIODICALLY AND IT SHALL BE THE RESPONSIBILITY OF THE RECEIVER OF THESE FILES TO KEEP THEM CURRENT WITH ANY UPDATES.</small>	FIRST ANGLE PROJECTION 	<b>METRIC</b>
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Pin	Name	Type	Function
1	GND	P	GROUND
2	VDD	P	POSITIVE SUPPLY VOLTAGE
3	SCL	I	SPI / I2C CLOCK
4	CSB	I	SPI CHIP SELECT
5	INT	O	INTERRUPT
6	SDO	O	SPI DATA OUTPUT
7	SDA	I/O	SPI DATA INPUT I2C DATA
8	I2C	I	PROTOCOL SELECT

APPROVAL		
CUSTOMER:		
SIGNATURE (CUSTOMER)	PRINT NAME	DATE
SIGNATURE (TE)	PRINT NAME	DATE



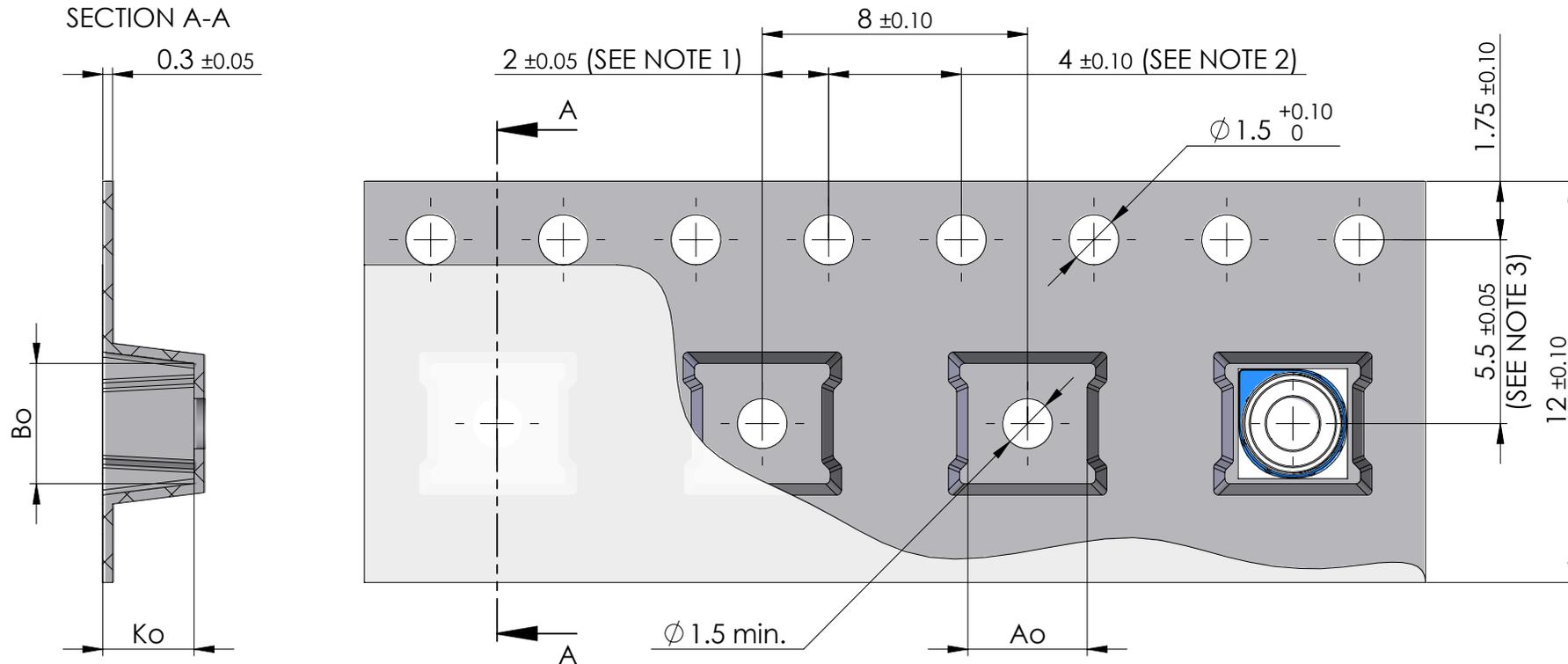
DESCRIPTION

**MS5849-30BA36 CL RESISTANT**

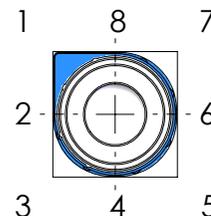
DRAWING NO: C-20018051-50	-
PROJECT: PRJ-20-000902636	PAGE: 3 OF 4
REVISION: 4	SCALE: 5:1
REVISION DATE: 24.01.2023	SHEET SIZE: A4
UNLESS OTHERWISE SPECIFIED DIM ARE IN MILLIMETERS LINEAR DIMENSIONS ± 0.15	

PART NUMBER	MODEL NUMBER	RANGE (BARA)	CUSTOMER P/N	<small>THESE DRAWINGS ARE FURNISHED FOR INFORMATION ONLY. ALL DIMENSIONS SHOWN ARE SHEET SPECIFIC. USE OF THESE DRAWINGS (INCLUDING DESIGN AND DIMENSIONS) MUST BE CHECKED BY USER'S ENGINEER ENSURING ADEQUACY FOR THE INTENDED USE. REVISIONS OR ADDITIONS TO THESE DRAWINGS SHALL BE ISSUED PERIODICALLY AND IT SHALL BE THE RESPONSIBILITY OF THE RECEIVER OF THESE FILES TO KEEP THEM CURRENT WITH ANY UPDATES.</small>	FIRST ANGLE PROJECTION
20018051-50	MS5849-30BA36	30 BAR			<b>METRIC</b>

SECTION A-A



MODULE ORIENTATION



Ao	3.6±0.1
Bo	3.6±0.1
Ko	2.75±0.1

NOTE:

- 1: Measured from centerline of sprocket hole to centerline of pocket
- 2: Cumulative tolerance of 10 sprocket holes is ±0.2mm
- 3: Measured from centerline of sprocket hole to centerline of pocket

**APPROVAL**

CUSTOMER:

SIGNATURE (CUSTOMER)      PRINT NAME      DATE

SIGNATURE (TE)      PRINT NAME      DATE

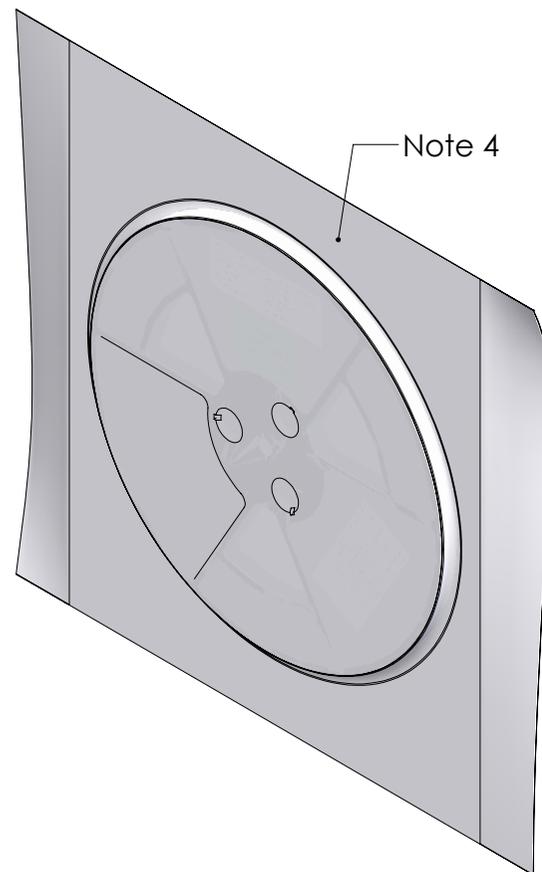
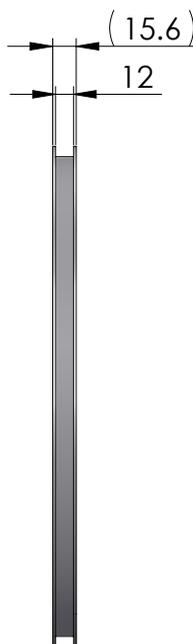
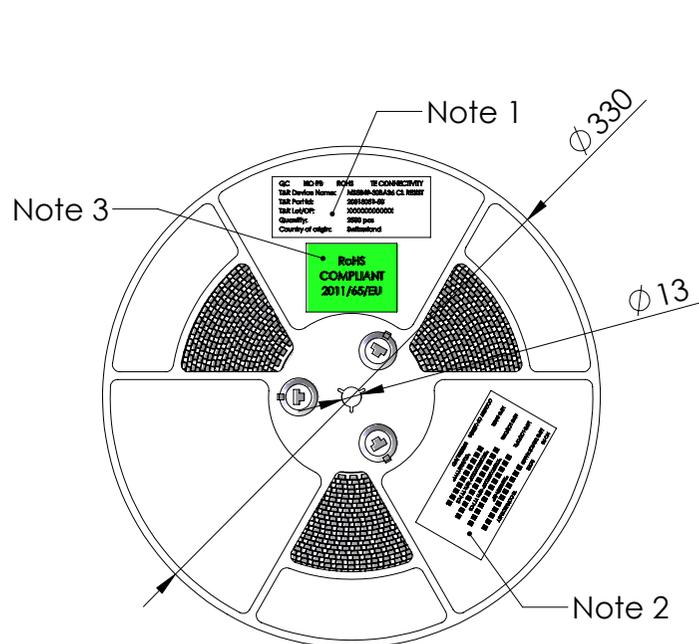


DESCRIPTION

**MS5849-30BA36 CL RESISTANT**

DRAWING NO: C-20018051-50	-
PROJECT: PRJ-20-000902636	PAGE: 4 OF 4
REVISION: 4	SCALE: 1:5
REVISION DATE: 24.01.2023	SHEET SIZE: A4
UNLESS OTHERWISE SPECIFIED DIM ARE IN MILLIMETERS LINEAR DIMENSIONS ± 0.15	

PART NUMBER	MODEL NUMBER	RANGE (BARA)	CUSTOMER P/N	<small>THESE DRAWINGS ARE FURNISHED FOR INFORMATION ONLY. ALL DIMENSIONS SHOWN ARE SHEET SPECIFIC. USE OF THESE DRAWINGS (INCLUDING DESIGN AND DIMENSIONS) MUST BE CHECKED BY USER'S ENGINEER ENSURING ADEQUACY FOR THE INTENDED USE. REVISIONS OR ADDITIONS TO THESE DRAWINGS SHALL BE ISSUED PERIODICALLY AND IT SHALL BE THE RESPONSIBILITY OF THE RECEIVER OF THESE FILES TO KEEP THEM CURRENT WITH ANY UPDATES.</small>	FIRST ANGLE PROJECTION
20018051-50	MS5849-30BA36	30 BAR			<b>METRIC</b>



1. Fabrication order label of T&R
2. Fabrication order label of pressure sensors
3. RoHS compliance
4. Shipment inside an ESD vacuum bag
5. Total quantity: 2500 pcs

APPROVAL		
CUSTOMER:		
SIGNATURE (CUSTOMER)	PRINT NAME	DATE
SIGNATURE (TE)	PRINT NAME	DATE