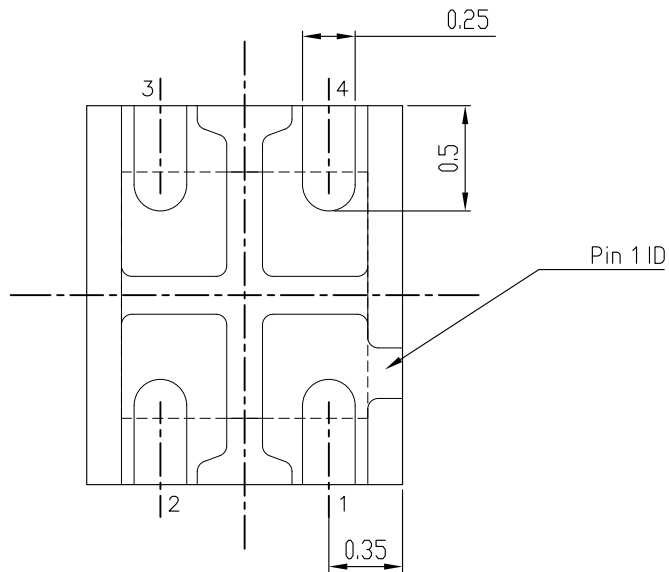
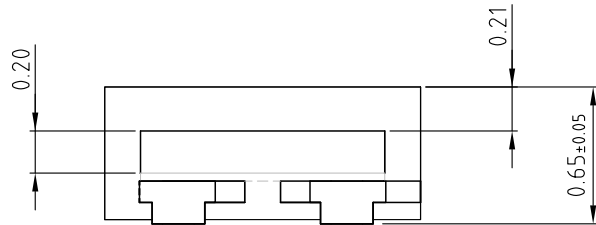


Pin Assignments	
Pin #	Description
1	Anode
2	Fast Output
3	Cathode
4	No Connect

DATE: 19 Feb 2018	DWG. NO: SND0226	REVISION A
TITLE: MicroRB-100XX-MLP-CX		
ALL DIMENSIONS ARE IN mm		
GENERAL TOLERANCE (UNLESS SPECIFIED) ±0.1mm		
DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE DO NOT SCALE		
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THIRD ANGLE PROJECTION		



Bottom View

Pin Assignments

Pin #	Description
1	Anode
2	Fast Output
3	Cathode
4	No Connect

DATE: 19 Feb 2018 | DWG. NO: SND0226 | REVISION A

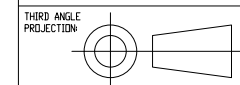
TITLE:
MicroRB-100XX-MLP-CX

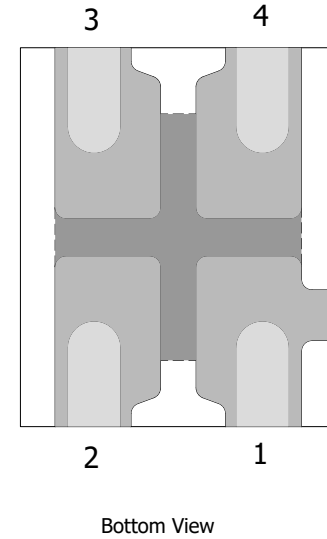
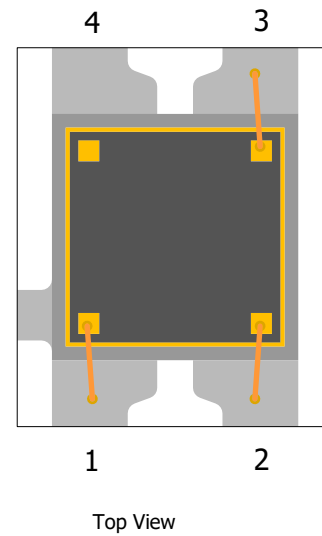
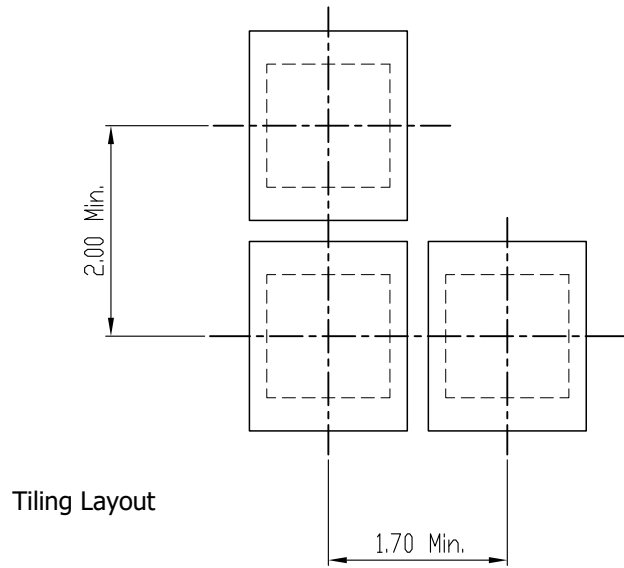
ALL DIMENSIONS ARE IN mm

GENERAL TOLERANCE (UNLESS SPECIFIED) ±0.1mm

DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE | DO NOT SCALE

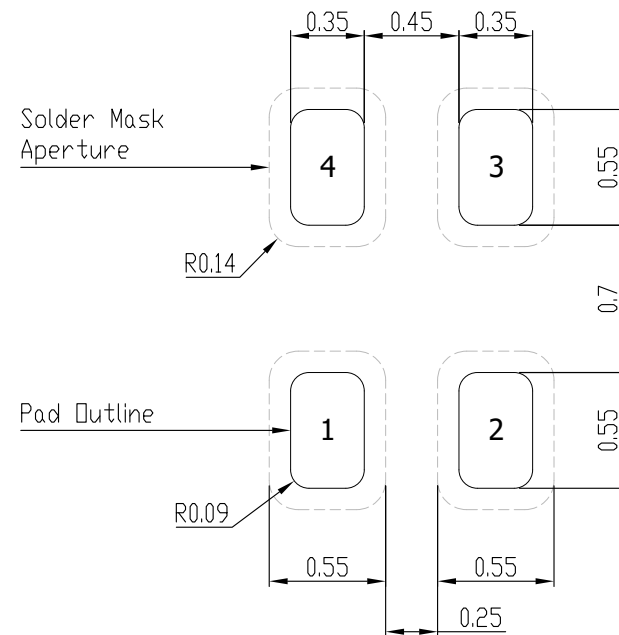
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NOTE: Alignment and placement tolerances depend on the accuracy of the equipment used in the assembly process.

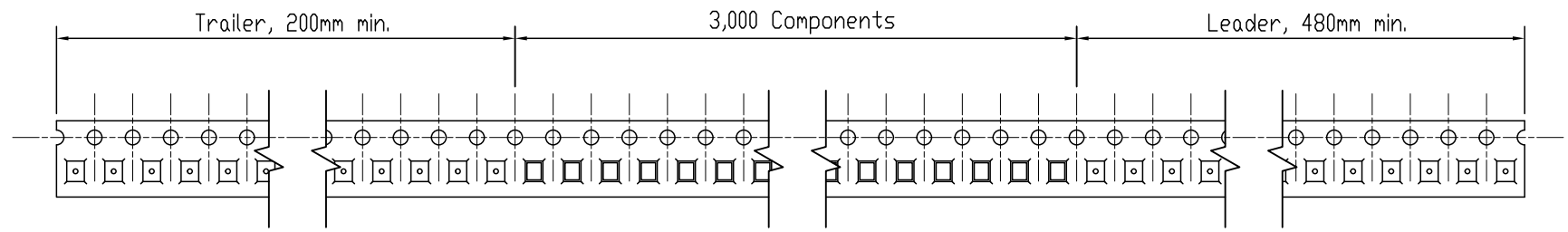
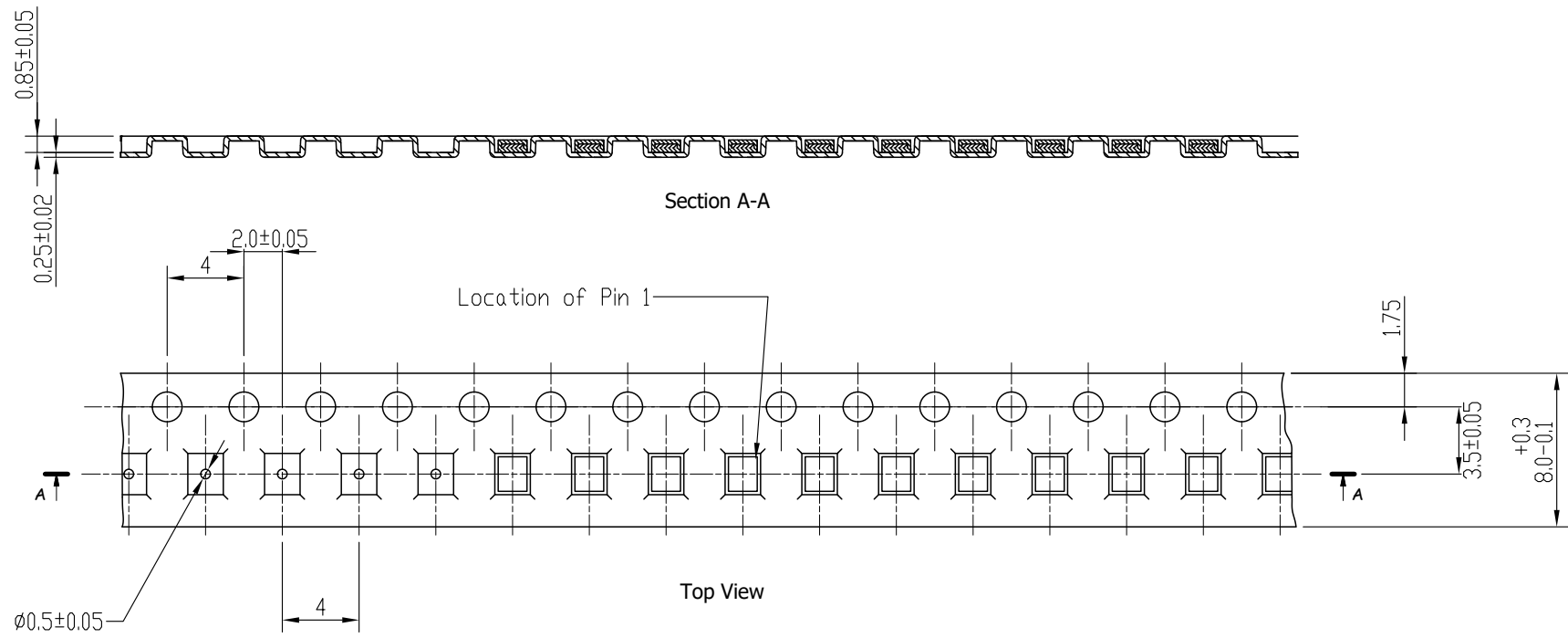
DATE: 09 Feb 2018	DWG. NO: SND0226	REVISION A
TITLE: MicroRB-100XX-MLP-CX		
ALL DIMENSIONS ARE IN mm		
GENERAL TOLERANCE (UNLESS SPECIFIED) ±0.1mm		
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THIRD ANGLE PROJECTION:		



Recommended PCB Solder Footprint

NOTE: No Connect (NC) pin 4 should be soldered to PCB, this pin can be connected to ground but it can also be left floating without affecting the dark noise.

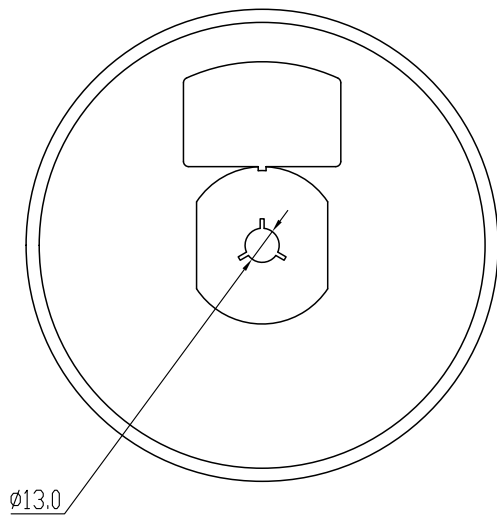
DATE: 19 Feb 2018	DWG. NO: SND0226	REVISION A
TITLE: MicroRB-100XX-MLP-CX		
ALL DIMENSIONS ARE IN mm		
GENERAL TOLERANCE (UNLESS SPECIFIED) ± 0.1 mm		
DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE		DO NOT SCALE
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THIRD ANGLE PROJECTION		



Customer Feed Direction →

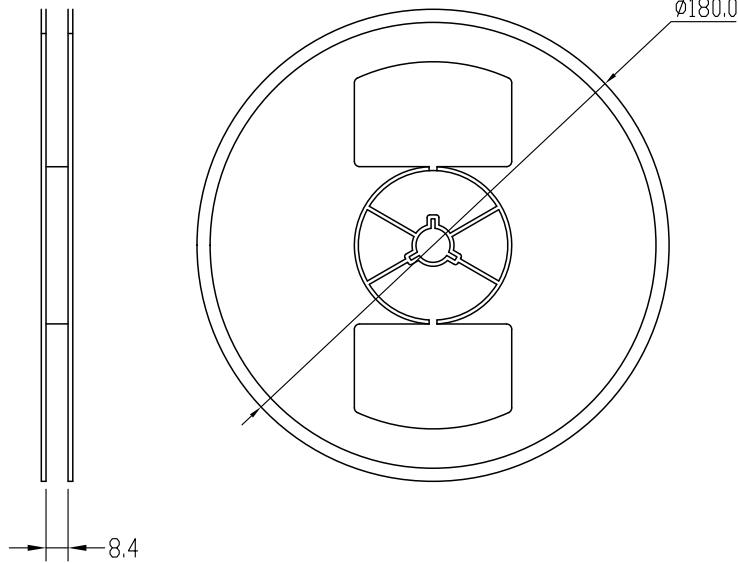
Tape Feed

DATE: 19 Feb 2018	DWG. NO: SND0226	REVISION A
TITLE: MicroRB-100XX-MLP-CX		
ALL DIMENSIONS ARE IN mm		
GENERAL TOLERANCE (UNLESS SPECIFIED) ±0.1mm		
DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE		DO NOT SCALE
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THIRD ANGLE PROJECTION		



Ø13.0

Details of Packaging Reel



Ø180.0

8.4

	CAUTION	3
	<p>MOISTURE SENSITIVE DEVICES</p> <p>1. Calculated shelf life in sealed bag: 24 months at <math>+40^{\circ}\text{C}</math> and <math><90\%</math> relative humidity (RH)</p> <p>2. Peak package body temperature: 260 °C If blank, see adjacent bar code label</p> <p>3. After bag is opened, devices that will be subjected to reflow solder or other high temperature process must be</p> <p>a) Mounted within: 168 hours of factory conditions <math><30^{\circ}\text{C}/60\%</math> RH, or b) Stored per J-STD-033</p> <p>4. Devices require bake, before mounting, if:</p> <p>a) Humidity Indicator Card reads <math><10\%</math> for level 2a - 5a devices or <math>>80\%</math> for level 2 devices when read at <math>23 \pm 5^{\circ}\text{C}</math> b) 5a or 5b are not met.</p> <p>5. If baking is required, refer to IPC/JEDEC J-STD-033 for bake procedure</p> <p>Bag Seal Date: 20 Mar. 2014 If blank, see adjacent bar code label</p> <p>Note: Level and body temperature defined by IPC/JEDEC J-STD-020</p>	

Details of Moisture Sensitivity Label

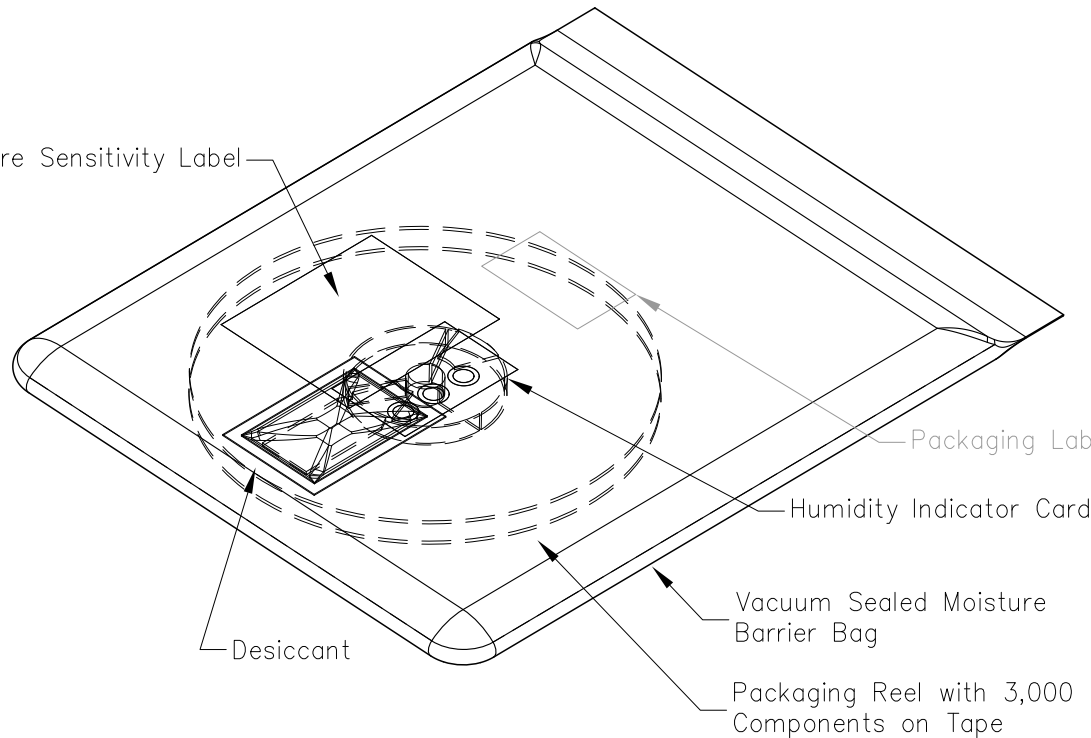
Moisture Sensitivity Label

5%	10%	60%
<p>LEVEL 2A-5A PARTS Bake if 10% IS NO BROWN and 5% IS AZURE DOU YEE ENTERPRISES BROWN-DRY AXURE-WET COBALT FREE HUMIDITY INDICATOR CARD AVOID METAL CONTACT COMPLIES WITH IPC/JEDEC J-STD-033</p>		<p>LEVEL 2 PARTS Bake Parts if 60% IS NO BROWN Initial Usage: DO NOT put this card into a bag if 5%, 10% or 60% are seen</p>
H16 5 4 3 2 1		

Humidity Indicator Card

<p>Part#: MicroRB-100XX-MLP Revision: C1 Lot#: E5678-35 Quantity: 3000</p>	

Sample Packaging Label



Packaging Label

Humidity Indicator Card

Vacuum Sealed Moisture Barrier Bag

Packaging Reel with 3,000 Components on Tape

Desiccant

DATE: 19 Feb 2018	DWG. NO: SND0226	REVISION A
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THIRD ANGLE PROJECTION		