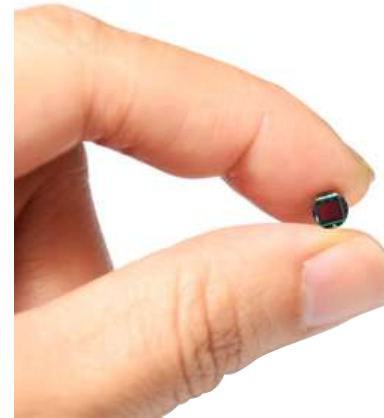


UNIT:±0.2mm

No lens	62°	74°	81°	94°	99°	169°
<p>xxx-B36305 series xxx-B36305LH series</p>	<p>(with high-intensity LED)</p>	<p>(with high-intensity LED)</p>	<p>(with high-intensity LED)</p>	<p>(with high-intensity LED)</p>	<p>(with high-intensity LED)</p>	<p>(with high-intensity LED)</p>
<p>xxx-BL36305 series xxx-BL36305LH series</p>	<p>(with high-intensity LED)</p>	<p>(with high-intensity LED)</p>	<p>(with high-intensity LED)</p>	<p>(with high-intensity LED)</p>	<p>(with high-intensity LED)</p>	<p>(with high-intensity LED)</p>
<p>xxx-BL36305S series xxx-BL36305LHS series</p>	<p>(with high-intensity LED)</p>	<p>(with high-intensity LED)</p>	<p>(with high-intensity LED)</p>	<p>(with high-intensity LED)</p>	<p>(with high-intensity LED)</p>	<p>(with high-intensity LED)</p>

Model	MIX-B36305 series
Image sensor	1/5" CMOS color
Image area	2.90 x 2.18
Resolution	2592 x 1944 @30fps
Sensitivity	3.6V/lux-sec
Pixel size(μm)	1.12 x 1.12
Shutter	rolling shutter
SNR	37 dB
Dynamic range	64.7 dB
Storage temperature	-30 to 60 Degree C
Working temperature	-10 to 45 Degree C
Lens / angle	specify when ordering
LED	specify when ordering (white / IR 940nm / IR 850nm)
Power source	DC 3.3V
Interface	MIPI
Connector	JST 15FPZ-SM-TF



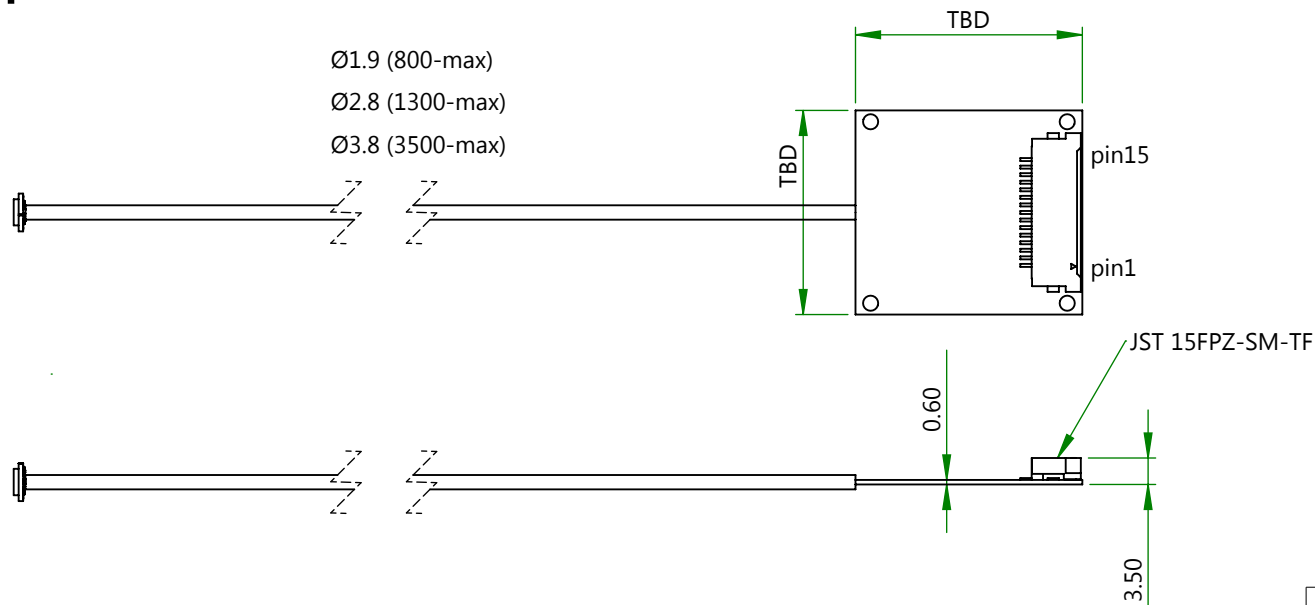
MIX-B36305L-77

CONNECTOR	TYPE	CAMERA TYPE	LED	LENS
MIX JST 15FPZ-SM-TF (type 1 / type 2 / type 3) MIT Type C (type 4)	B Board type (module) BL Board type (side view) T Tube type V Tube type+dimmer	36305 color (round / rectangle-side view)	L white LED x 6 L8 IR 850nm LED x 6 L9 IR 940nm LED x 6 LH high intensity LED	56 3.4mm/F2.8/6.0 (56°) M6 x P0.35 62 3.0mm/F2.4 (62°) M6 x P0.35 71 2.46mm/F2.0 (71°) 74 2.34mm/F2.2 (74°) 81 1.83mm/F2.0/F5.0/8.0 (81°) 94 1.55mm/F5.7 (94°) 99 1.5mm/F5.7 (99°) 169 1.523mm/F4.8/6.0/8.0 (169° lens)

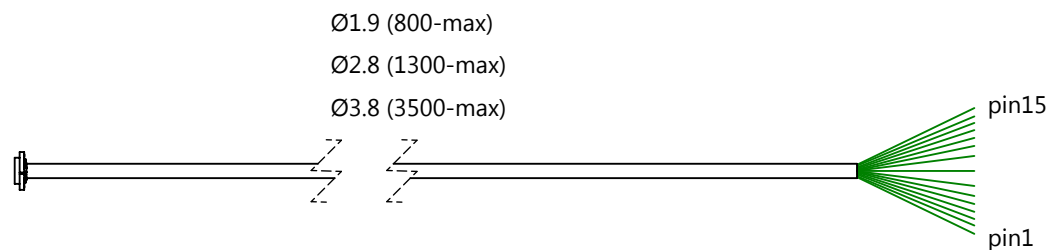
* MIX: type 1 / type2 / type3 specify when ordering

* For 81, 94, 99, 169° lens, image has 5% dark corner.
 * For 81, 94, 99, 169° lens, image circle is Ø3.27

Type 1

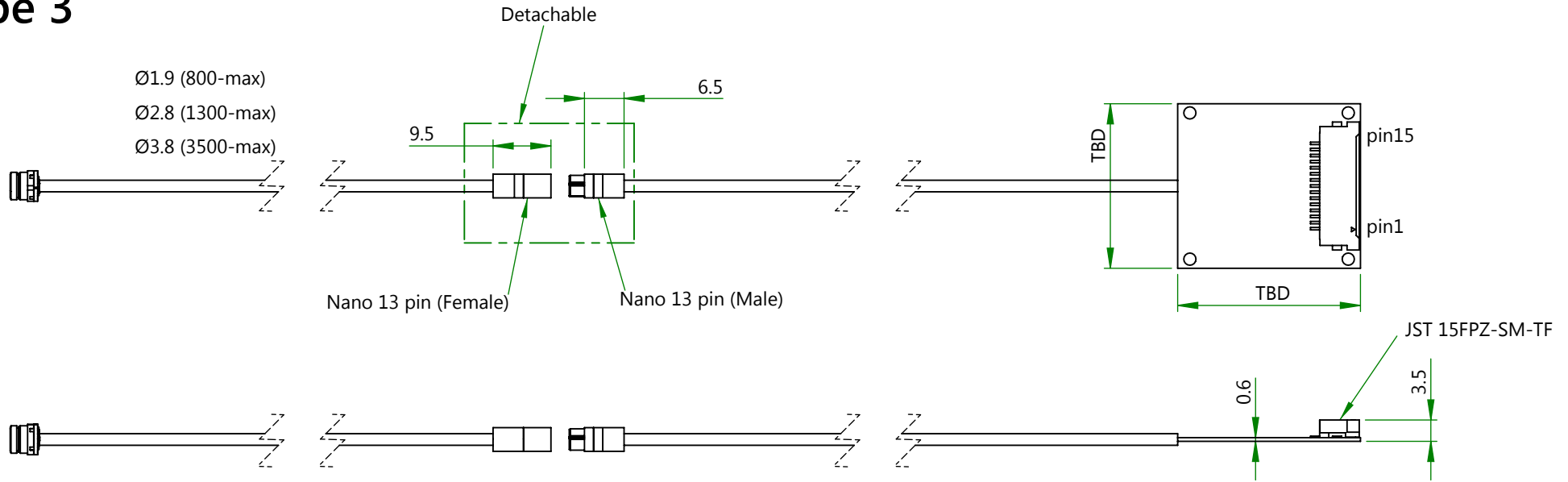


Type 2



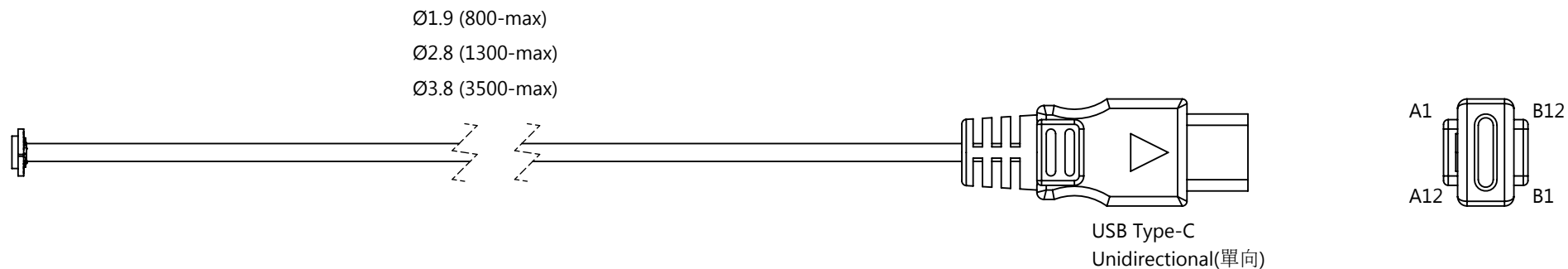
PIN	Name	Description
1	GND	Ground
2	MDN0	MIPI data negative output
3	MDP0	MIPI data positive output
4	GND	Ground
5	MDN1	MIPI data negative output
6	MDP1	MIPI data positive output
7	GND	Ground
8	MCN	MIPI clock negative output
9	MCP	MIPI clock positive output
10	GND	Ground
11	RST	Reset and power down (active low)
12	MCLK	System clock input
13	SCL	Serial interface clock
14	SDA	Serial interface data
15	+3.3V	Power supply +3.3V

Type 3



PIN	Name	Description
1	GND	Ground
2	MDN0	MIPI data negative output
3	MDP0	MIPI data positive output
4	GND	Ground
5	MDN1	MIPI data negative output
6	MDP1	MIPI data positive output
7	GND	Ground
8	MCN	MIPI clock negative output
9	MCP	MIPI clock positive output
10	GND	Ground
11	RST	Reset and power down (active low)
12	MCLK	System clock input
13	SCL	Serial interface clock
14	SDA	Serial interface data
15	+3.3V	Power supply +3.3V

Type 4



PIN	Name	Description
A1	GND	Ground
A2	MDN0	MIPI data negative output
A3	MDP0	MIPI data positive output
A4	+3.3V	Power supply +3.3V
A5		
A6	MCN	MIPI clock negative output
A7	MCP	MIPI clock positive output
A8		
A9	+3.3V	Power supply +3.3V
A10	MCLK	System clock input
A11	RST	Reset and power down (active low)
A12	GND	Ground

PIN	Name	Description
B12	GND	Ground
B11	MDN0	MIPI data negative output
B10	MDP0	MIPI data positive output
B9	+3.3V	Power supply +3.3V
B8		
B7	SCL	Serial interface clock
B6	SDA	Serial interface data
B5		
B4	+3.3V	Power supply +3.3V
B3	LED	Power supply +3.3V
B2		
B1	GND	Ground