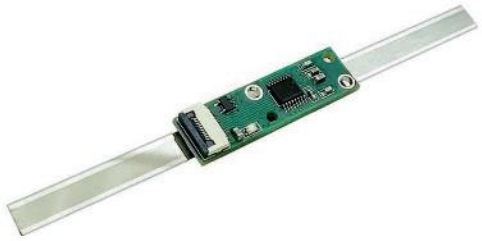
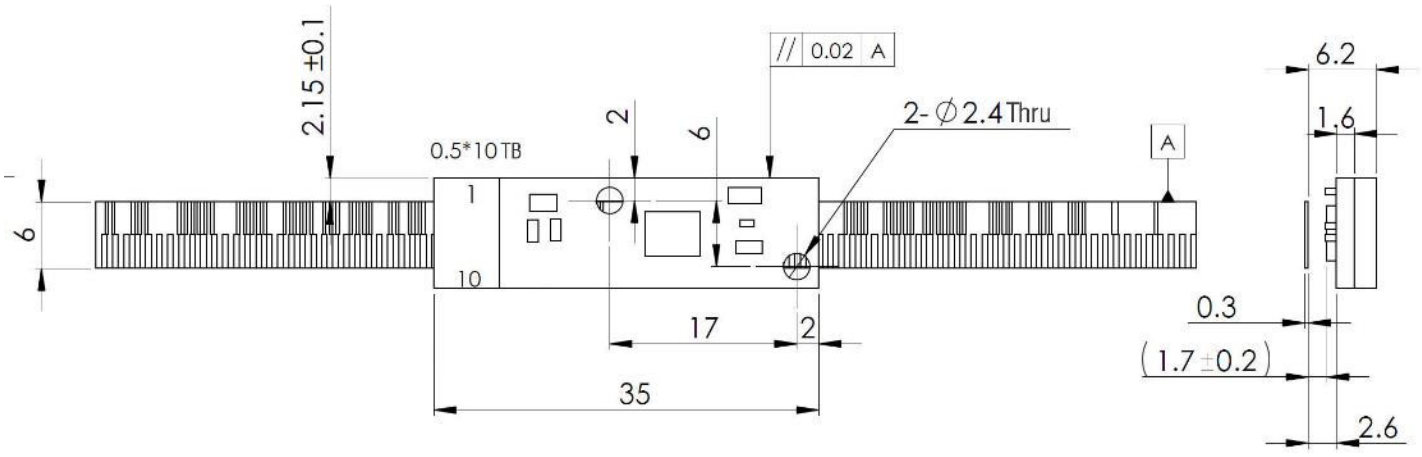
PCB Reader for Compact Installation
Non-contact, high reliability
Absolute value output, no hysteresis
Resolution: 29bit
True absolute value, no battery required



System data：

Feature	Technical Data	Remarks
Measuring Principle	Absolute	
Operating Voltage	5VDC±5%	
Current Consumption	<30mA	No-load
Output Signal	Biss C	
Bit Resolution	29	
Resolution	0.0125um	
Recommended Clock Rate	2.5MHz	
Optical Scale	OSA20	
Max Measuring Length	1000mm	
Gap with Scale	1.75±0.2mm	
Maximum Moving Speed	5m/s	
Operating Temperature	-10～+ 80℃	
Storage Temperature	-30～+80℃	

Dimension（Unit：mm）



Output definition

BISS C	5V	GND	MA+	MA-	SL+	SL-
No	9	10	8	7	5	6

Order table： ORCA20 - __

└— Bit Resolution 29