

Declaration

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DECLARATION OF MODEL VARIATIONS

MODEL NUMBER:	C6AB0
Product description:	Automotive Radar Sensor
Brand name:	Bosch
Company Name:	Robert Bosch GmbH
Address:	Renningen, 70465 Stuttgart, Germany
Phone:	0711 811-0

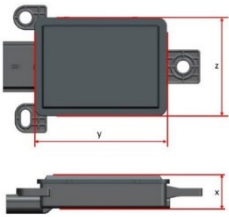
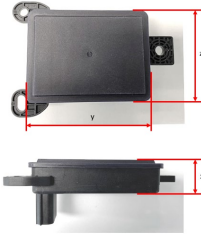
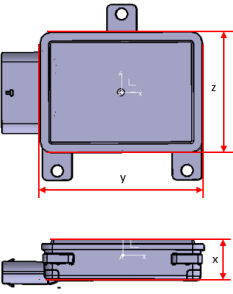
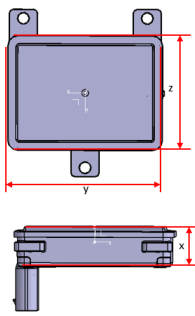
The automotive radar sensor model C6AB0 is available with two different connector types: "Molex" and "AK2"

The difference of the connector types is the pin-to-pin distance and the corresponding mechanical shape of the connector. The PCB layouts have minor differences mainly related to the pin-to-pin distance and surrounding areas.

Electronic circuit, RF parts and RF performance are the same for all connector variants.

Both variants exist with connector orientation to the side of the sensor and to the back of the sensor, which is only a mechanical difference using the same PCBs.

HW ID reference:

Dimensions:	Connector Type	Side Connector	Back Connector
y-direction <76mm z-direction <57mm x-direction <20mm	Molex	 HWID: 0203.3BB.06N-80	 HWID: 0203.3BB.09M-80
	AK2	 HWID: 02033BB0F9-01	 HWID: 02033BB0F7-01

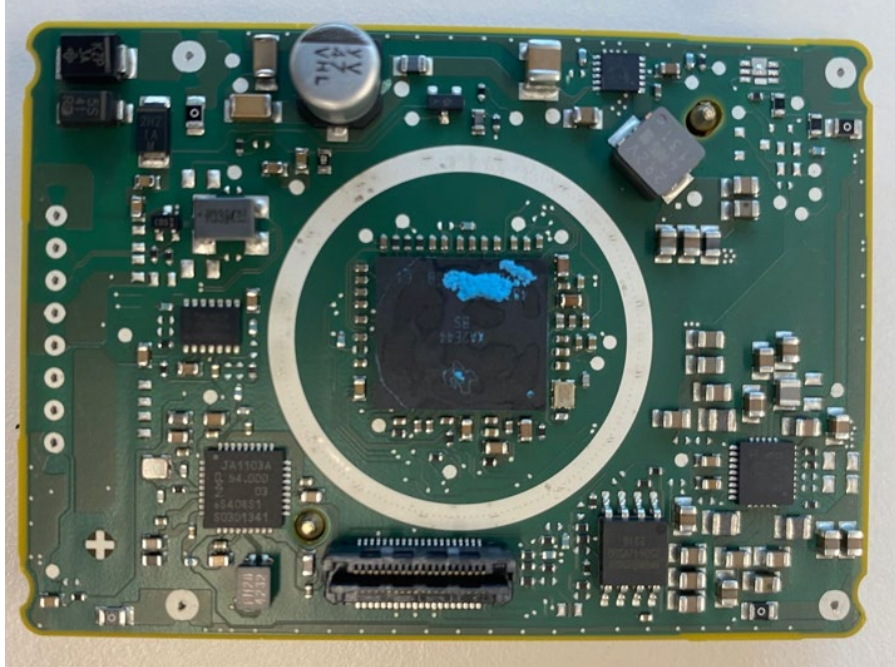
Internal Photos

BOSCH

Model: C6AB0

Molex Connector type, Back side:

HWID (side connector): 0203.3BB.06N-80, HWID (back connector): 0203.3BB.09M-80



Molex Connector type, Front side:

HWID (side connector): 0203.3BB.06N-80, HWID (back connector): 0203.3BB.09M-80



Note: same PCB is used for both connector orientations.

Internal Photos

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Model: C6AB0

AK2 Connector type, Back side:

HWID (side connector): 02033BB0F9-01, HWID (back connector): 02033BB0F7-01



AK2 Connector type, Front side:

HWID (side connector): 02033BB0F9-01, HWID (back connector): 02033BB0F7-01



Note: same PCB is used for both connector orientations.



Robert Binder (XC-AC/ERI1)
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Robert Bosch GmbH