

## ELECTROCHEMICAL SENSOR

Type: AC5.W\*.R\*

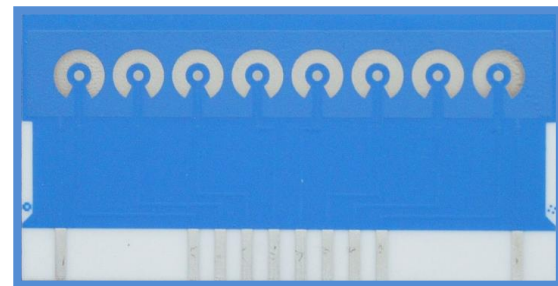
### Description

The sensor is formed on a corundum ceramic base. On to this surface the working and the reference electrodes are applied. The working electrodes create an array of eight electrodes. The electrodes can be made of variety of materials (see below). At the end of the sensor there is a contacting field which is connected with the active part by the silver conducting paths which are covered by a dielectric protection layer. A bio-chemically active substance can be immobilised on the working electrodes of the sensor.

### Physical parameters

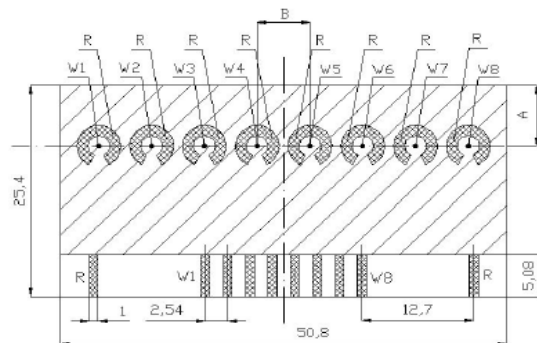
#### *Dimensions:*

Weight: 3 gms  
Length: 25.40 mm  
Width: 50.8 mm  
Thickness: 0.63 mm



A =  $6.00 \pm 0.05$  mm

B =  $5.65 \pm 0.05$  mm



Electrode Materials are defined by:

**AC5.W\*.R\***

The asterisk is replaced by the appropriate number or letter.

<b>A - Amperometric sensor or electrode</b>	<b>3 - Pure Silver</b>
<b>C - Corundum ceramic base</b>	<b>4 - Graphite</b>
<b>5 - Sensor group reference number</b>	<b>R - Reference electrode material</b>
<b>W - Working electrode material</b>	<b>S - Silver</b>
<b>S - Alloy of Gold and Platinum</b>	<b>1 - Silver / Silver Chloride</b>
<b>1 - Pure Gold</b>	<b>2 - Silver covered by AgCl</b>
<b>2 - Pure Platinum</b>	

### Connector types for AC5 sensors range

	<b>KA5</b>
AC5.W*.R*	✓

### Sensor Usage

This specific range of AC5 sensors enables the measurement of:

- Electrochemical immunoassay

### Ordering information

- The order is specified by whole sensor description formula
- Minimum order quantity - 5 sensors
- All order quantities are to be in multiples of 5 e.g. 5, 10, 15, etc.
- Delivery time for standard AC5 sensors is 4 weeks from receipt of order
- Delivery time for non-standard AC5 depends on final technical specification

### Example of Order

- 100 pieces - AC5.W2.R1