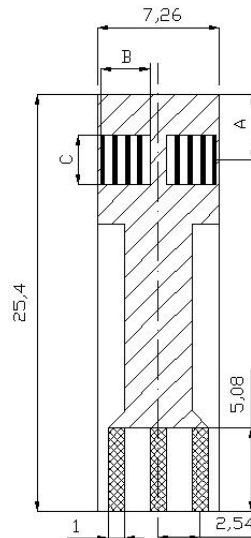


CONDUCTOMETRIC SENSOR SUBSTRATES

Type: CC3.W* (*)

Description

The sensor is formed on a corundum ceramic base. Onto this surface two interdigitated structures of electrodes are applied. The electrodes are made of Gold alloy in standard product CC3.W1. At the end of the sensor there is a contact which is connected with the active part by the gold conducting path which is covered by a polymer dielectric protection layer. A bio-chemically active substance is put on the electrodes, one interdigitated structure, the second structure is reference.

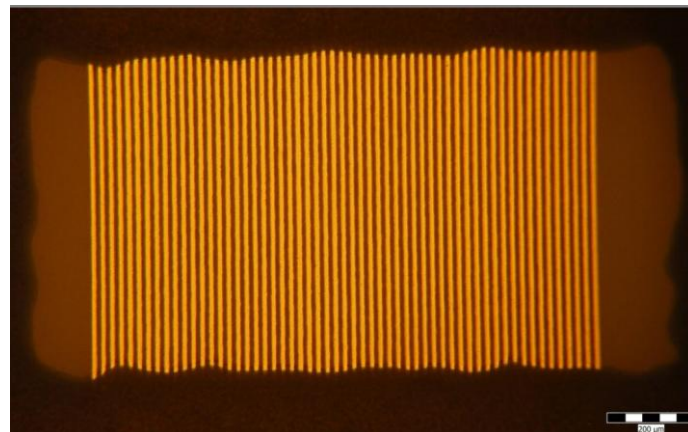


Physical parameters

Dimensions:

Weight: 0.4 gms
 Length: 25.40 mm
 Width: 7.26 mm
 Thickness: 0.63 mm

A = 4.00 ± 0.05 mm



Electrode Materials are defined by:
 CC3.W1 (*)

The asterisk is replaced by the appropriate number or letter.

C - Conductometric sensor	W - Working electrode material
C - Corundum ceramic base	1 - Pure Gold
3 - Sensor group reference number	

Connector types for CC3 sensors range

	KA1	KA1C	KA1s	KA4
CC3.W*	✓	✓	✓	✓

Sensor Usage

This specific range of CC3 sensors enables the measurement of:

- Basic electrochemical and bio-electrochemical techniques
- Conductivity analysis
- Differential conductivity analysis

Software Packs

These are available for bipolar current pulse measurement

Related patents

- CZ-PV 2001-3227

Ordering Information

- The order is specified by whole sensor description formula
- Minimum order quantity - 20 sensors
- All order quantities are to be in multiples of 20 e.g. 20, 40, 80, etc.
- Delivery time for standard CC3 sensors is 4 weeks from receipt of order
- Delivery time for non-standard CC3 sensors depends on final technical specification of order

Example of Order

- 100 pieces - CC3.W1