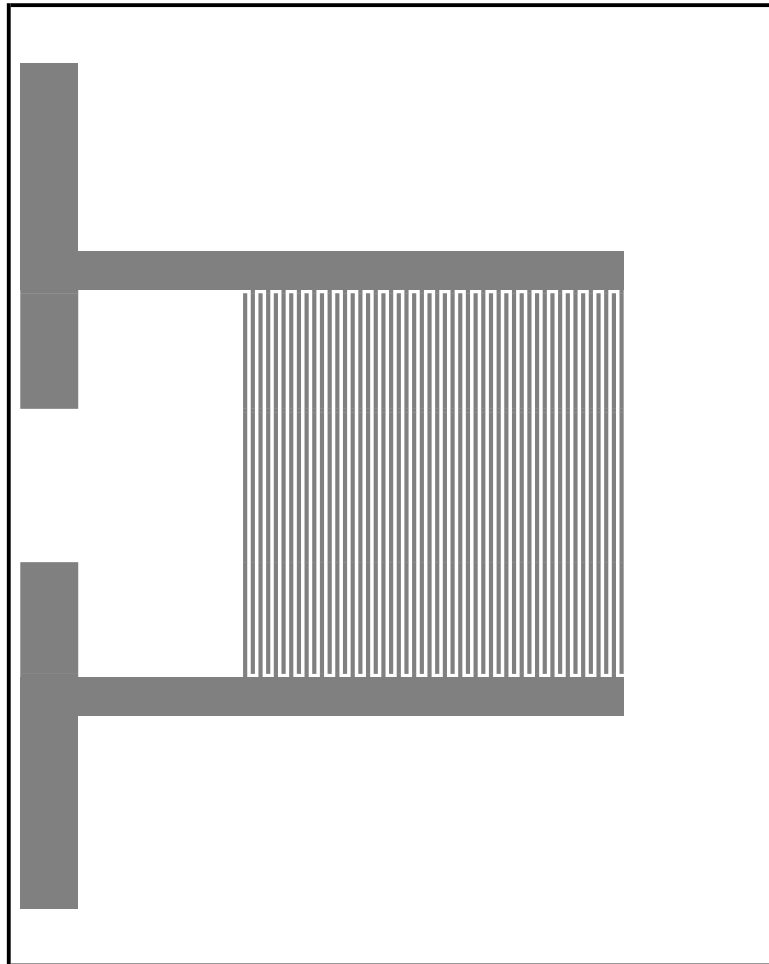


COMB type CELL



1. CELL

▪ INDICATION & MARK

①COMB type CELL	.....	1
②DIRECTION & ANGLE	.....	1
③CELL GAP	.....	1
④CELL TYPE	.....	1
⑤VIEWING AREA	.....	1
⑥GLASS THICKNESS	.....	1
⑦GLASS MATERIAL	.....	1

▪ DETAILS OF VIEWING AREA 2

⑧COUNTER SUBSTRATE TYPE	.....	3
⑨ITO INSULATION	.....	3
⑩SEALING FORM	.....	3
⑪SEAL MATERIAL	.....	3
⑫EXCEPT STANDARD	.....	3

▪ DIRECTION CHART 4

2. GLASS SUBSTRATE 5

The expiration of EHC cell is 6 months.

COMB type CELL

1. CELL

・INDICATION & MARK

INDICATION: **IS** **RO** - **05** / **B** **7** **07** **M** **6** **N** **S** **S** **X**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

① **【IS】** COMB type ELECTRODE

② **【DIRECTION】 【ANGLE】**

MARK	◆DIRECTION	◇ANGLE
RP	POLYIMIDE	180°
RO	POLYIMIDE	360°
RX	POLYIMIDE	OPTIONAL
SZ	NA	NA

◆ POLYIMIDE

・LX-1400 (HD MicroSystems)

・COATING THICKNESS : WITHIN 200 Å

◆ COATING METHOD

・SPIN COAT

◇ RUBBING CONDITION

・ROTATIONAL SPEED : 600rpm

・STAGE SPEED : 30mm/sec

・ROUND TRIP FREQUENCY : 3TIMES

◇ RUBBING ROLL

・FIBER :COTTON

・FIBER LENGTH : 2.5mm

・ROLL DIAMETER : 52mm

◇ RUBBING CONDITION

REFER TO PAGE4

③ **【CELL GAP】**

MARK	CELL GAP
05	5 μm
06	6 μm
07	7 μm
08	8 μm
09	9 μm
10	10 μm

⑤ **【VIEWING AREA】**

MARK	VIEWING AREA SIZE
7	9.99mm × 10mm (L/S=10 μm/10 μm)

⑥ **【GLASS THICKNESS】**

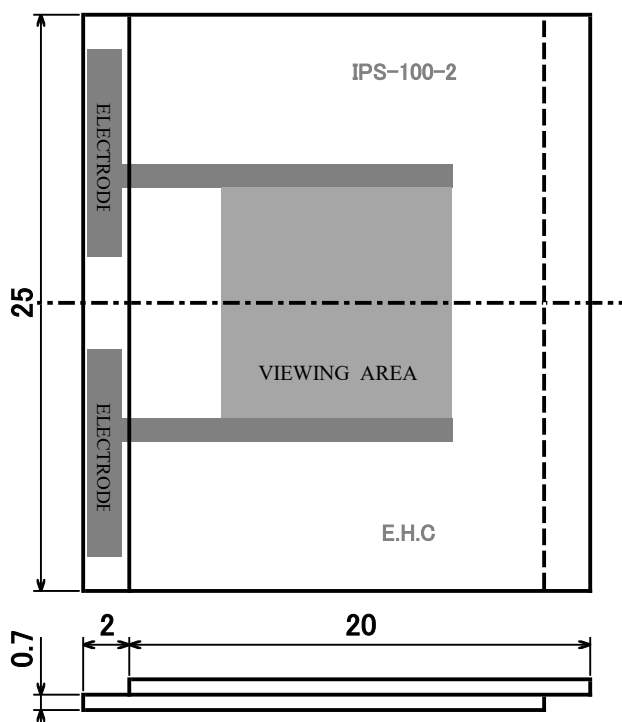
MARK	THICKNESS
07	0.7mm

⑦ **【GLASS MATERIAL】**

MARK	GLASS MATERIAL
M	BOROSILICATE GLASS

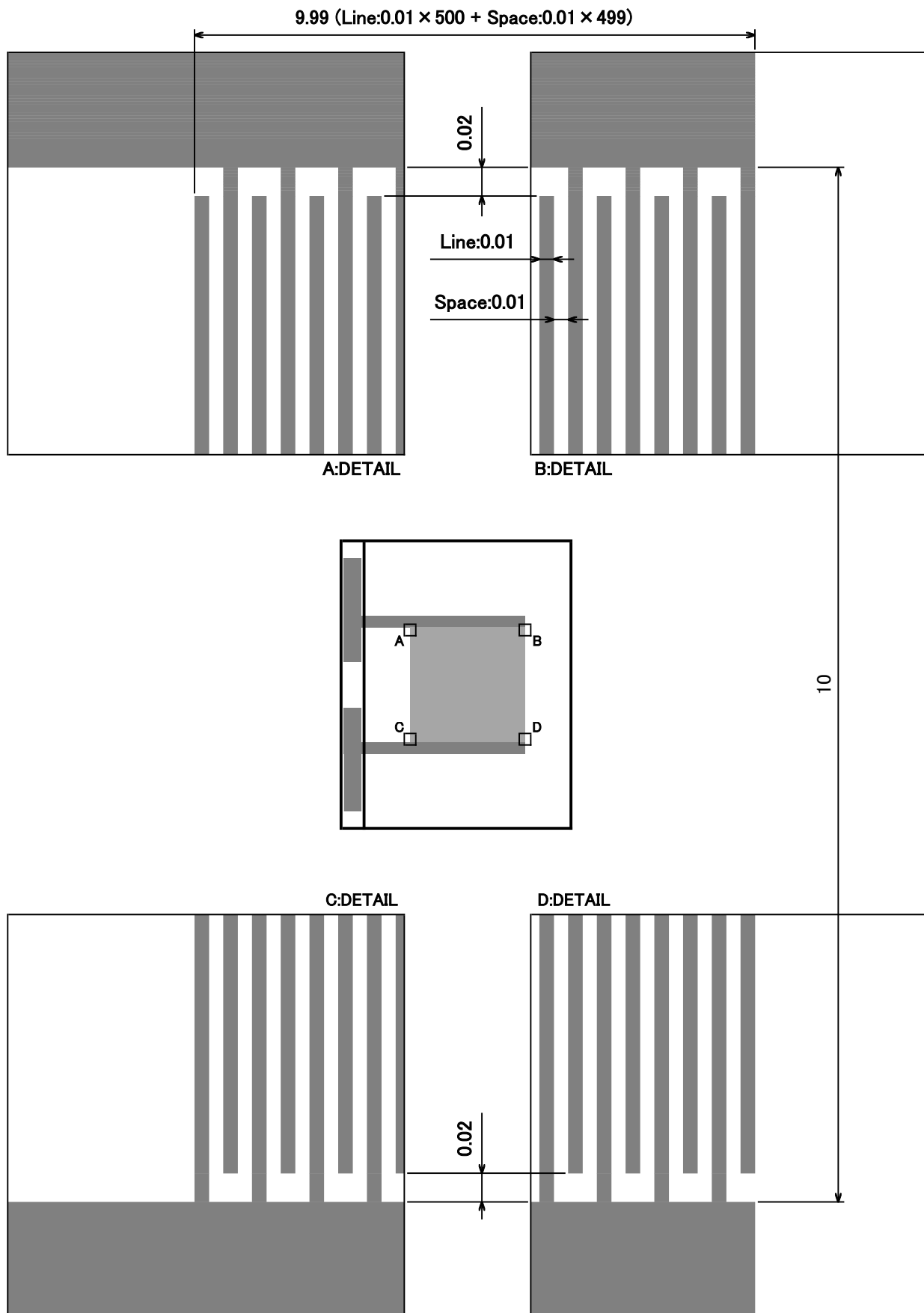
④ **【CELL TYPE】**

B (COMB type) type



COMB type CELL

• DETAILS OF VIEWING AREA



COMB type CELL

INDICATION: IS RO - 05 / B 7 07 M 6 N S S X

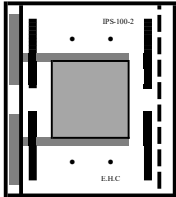
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

⑧ 【COUNTER SUBSTRATE】

MARK	COUNTER SUBSTRATE	ITO RESISTIVITY	THICKNESS
6	ITO	WITHIN 10 Ω	1000~1600 Å
7	BARE GLASS	NOT ITO	----
B	B107M6N	WITHIN 10 Ω	1000~1600 Å

⑨ 【N】 ITO NOT INSULATED

⑩ 【SEALING FORM】

MARK S	
	(OPEN)
CELL 	B_(COMB type) type

⑪ 【SEAL MATERIAL】

MARK	SEAL MATERIAL
S	Struct Bond (XN-21-S)
X	PROVIDED SEAL MATERIAL

⑫ 【X】 EXCEPT STANDARD

● DIRECTION

- PROVIDED DIRECTION MATERIAL

● RUBBING CONDITION

- CONDITION : ROTATION-SPEED , STAGE-SPEED, ROUND-TRIP-FREQUENCY
- DIRECTION : ARBITRARY ANGLE

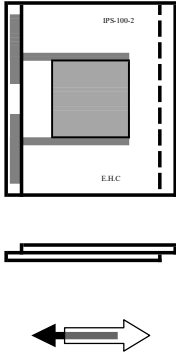
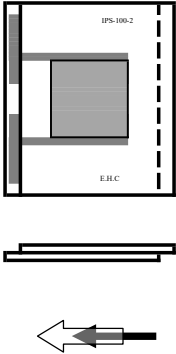
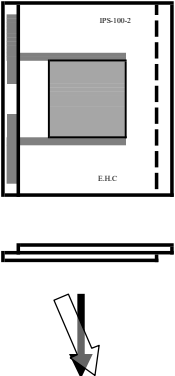
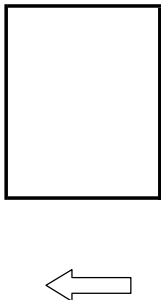
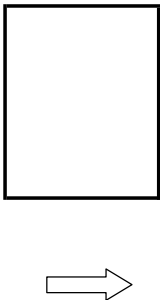
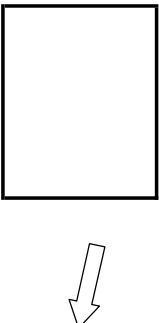
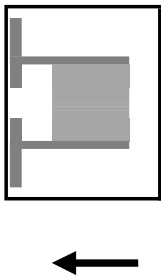
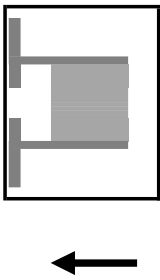
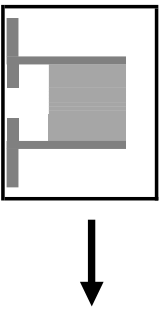
● SEALING FORM

- TO BE DISCUSSED

● SEAL MATERIAL

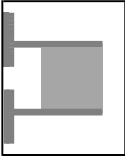
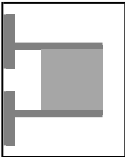
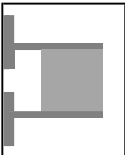
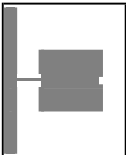
- TO BE DISCUSSED

• DIRECTION CHART.....B_(COMB type)-type

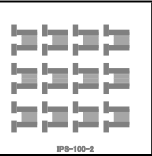
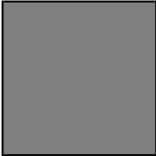
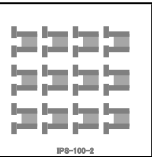
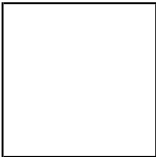
MARK	RP	RO	RX
ANGLE	180°	360°	X°
UNIT			
UP			
LOW			

2.GLASS SUBSTRATE

SINGLE SUBSTRATE

MODEL	TYPE OF COUNTER SUBSTRATE	SINGLE SUBSTRATES		MIN.UNIT SOLD	JP¥
SZ-B707M6N	ALL ITO(10Ω)			100SETS	ESTINAMTE
SZ-B707M7N	BARE GLASS				
SZ-B707MBN	B107M6N(10Ω)				

□100 SUBSTRATE

MODEL	TYPE OF COUNTER SUBSTRATE	□100 SUBSTRATE UNIT		MIN.UNIT SOLD	JP¥
IPS-100/B707M6N	ALL ITO(10Ω)			30SETS	ESTIMATE
IPS-100/B707M7N	BARE GLASS				
IPS-100/B707MBN	B107M6N(10Ω)	