UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS

DETAIL A
SCALE 50 : 1
Filter structure at continuous and dispersed phase inlet channels

DETAIL B
SCALE 100 : 1
Nozzle dimensions: 0.075 x 0.105

DETAIL D
SCALE 30 : 1
Channel cross-section and hole dimensions

SECTION C-C
Cross section of the chip showing the outlet channel and holes

<table>
<thead>
<tr>
<th></th>
<th>Length [mm]</th>
<th>Volume [µl]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous phase channels</td>
<td>22.46</td>
<td>3.18 tot.</td>
</tr>
<tr>
<td>Dispersed phase channels</td>
<td>21.42</td>
<td>1.28 tot.</td>
</tr>
<tr>
<td>Outlet channels</td>
<td>27.55</td>
<td>4.14 tot.</td>
</tr>
</tbody>
</table>

Borosilicate Glass