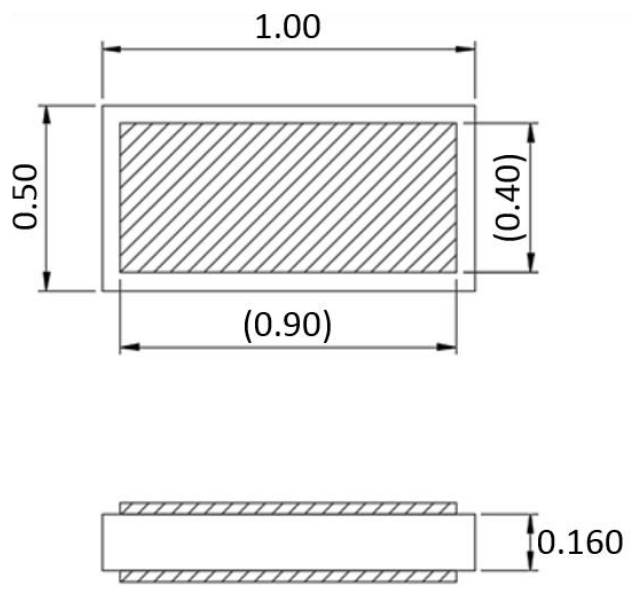


Preliminary Specification of Thin Film Circuit Substrate RUSUB  
Sample Part Number : RUCS7790F

1. Figures



 : Electrode (Au $\geq$ 4 $\mu$ m)

Dimensions : mm

Tolerance :  $\pm 0.05$ mm

2. Specifications

|                                           |                                      |
|-------------------------------------------|--------------------------------------|
| Shape                                     | SMD                                  |
| Operating Temperature Range               | -55 to 125°C                         |
| Size                                      | 1.00 × 0.50mm                        |
| Thickness                                 | 0.160mm                              |
| Thickness Tolerance                       | $\pm 0.050$ mm                       |
| Rated Voltage                             | 100Vdc                               |
| Capacitance (25°C)                        | 3.5pF                                |
| Capacitance Tolerance                     | $\pm 10\%$                           |
| Temperature Characteristics (-25 to 85°C) | -750 $\pm$ 120ppm/°C                 |
| Withstanding Voltage                      | 250Vdc                               |
| Insulation Resistance                     | 25°C:10 <sup>5</sup> M $\Omega$ min. |

### 3. Characteristics

