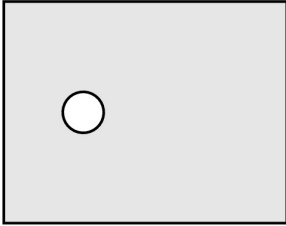


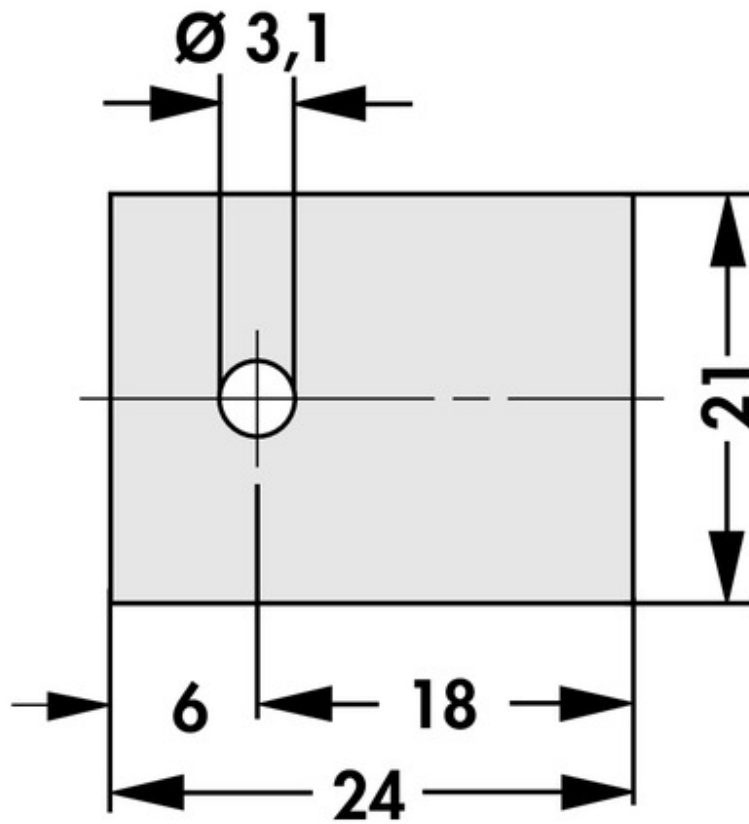
## Data sheet Product KAP 218



Accessories for electronic components>Thermal interface material>Kapton insulator washers  
for semiconductor-design TO 218, TO 247, TO 248, 24 x 21 mm

### Features

|                           |                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------|
| for transistor:           | <ul style="list-style-type: none"> <li>• TO 248</li> <li>• TO 247</li> <li>• TO 218</li> </ul>                    |
| material:                 | polyimide-carrier foil with silicone-free phase changing thermal conductive layer completely coated on both sides |
| phase change temperature: | 52 °C                                                                                                             |
| thermal resistance:       | 0.15 K/W [at 1 inch <sup>2</sup> ; = 6.45 cm <sup>2</sup> ; = TO 3 (KAP 3)]                                       |
| temperature range:        | -40°C... +150°C                                                                                                   |
| thermal conductivity:     | 0.45 W/m·K (substrate)                                                                                            |
| insulation resistance:    | 10 <sup>14</sup> Ω                                                                                                |
| material thickness:       | 0.077mm (substrate 0.05mm)                                                                                        |
| elongation:               | 30 %                                                                                                              |
| dielectric strength:      | 7.8 kV                                                                                                            |
| class of inflammability:  | UL 94 V-0                                                                                                         |
| type of delivery:         | cut                                                                                                               |

**Technical Drawing**

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