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ELECTRONICS

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Jameco Part Number 2032452 (2)



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**For use with Surface Mount packages**

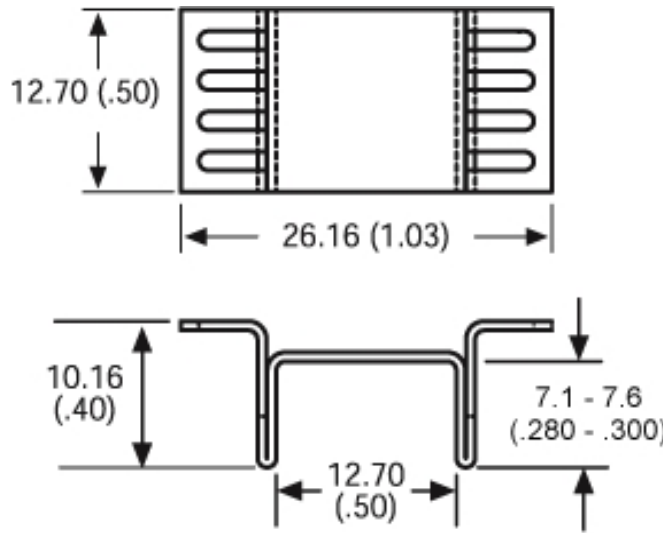
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Part Number - 573300D00000G

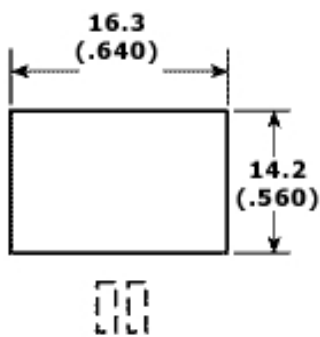


**Mechanical Outline Drawing**

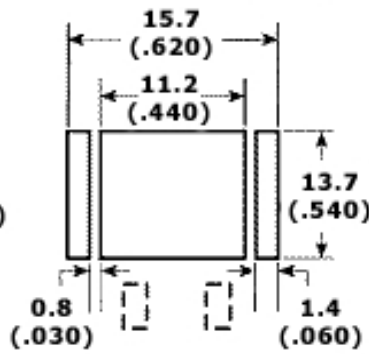


**Note:** The thickness of the drain pad is variable depending on the amount of heat generated by the SMT device, design, limitations and process. This is the exposed printed circuit.

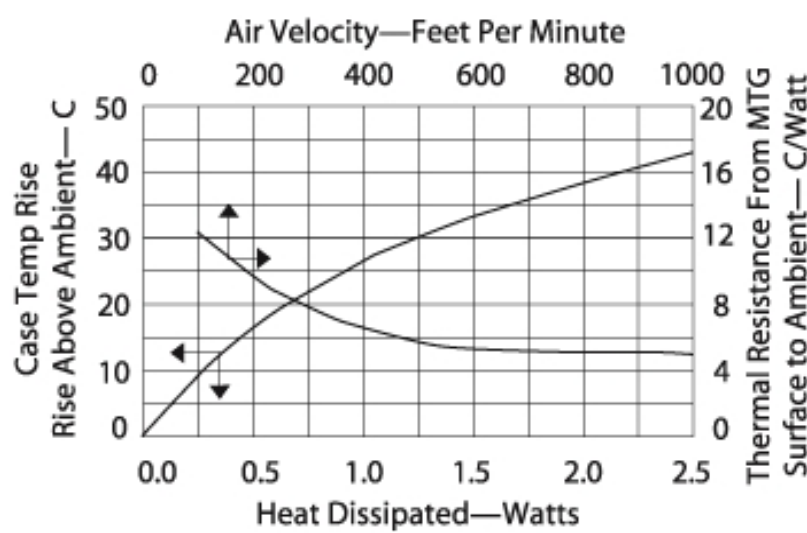
**Recommended Cu Heat Spreader Drain Pad**



**Recommended Heat Sink Solder Mask Opening**



**Thermal Curves**



|                           |       |
|---------------------------|-------|
| <b>Thermal Resistance</b> | 18.00 |
|---------------------------|-------|

Thermal resistance value is based on a 75°C rise in natural convection

**Product Information**

| Part #        | Description  | Finish           | Board Mounting |
|---------------|--|------------------|----------------|
| 573300D00000G | Surface mount heat sink for D2 Pak (TO - 263) package semiconductors | Matte Tin Plated | N/A            |

This non -electronic component is functionally unaffected by the normal soldering or reflow processes used for semiconductor circuits. The heat resistance time or heat resistance temperature is not applicable for the component.

**Not Exactly what you need?**

We offer several options for those applications which require a more unique solution. For slight modifications of this part or other attachment options, finishes, and interface materials, contact your [local representative](#) . Challenge us with your thermal requirements - we can design custom solutions.