



## Recommended Minimum Pad Patterns with Outline Drawing Access for Vishay Siliconix MOSFETs

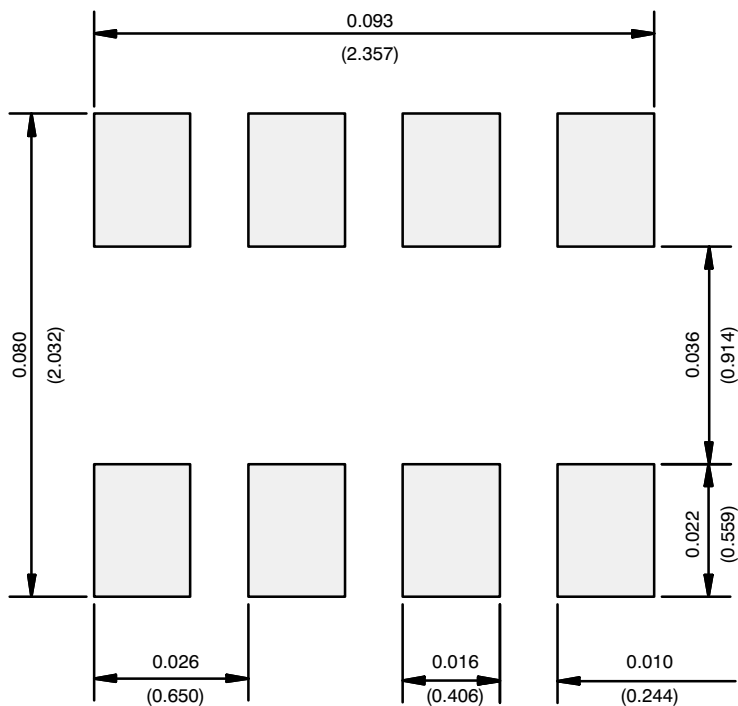
**BY KANDARP PANDYA**

This Web-smart document offers the following features:

- Click on any package type listed under the "Package" column to go to the corresponding Minimum Recommended Pad Pattern drawing, or scroll down to the page indicated in the second column. Click on "Return to Index" at the bottom of the Minimum Recommended Pad pattern drawing to return to the first page and this index.
- Click on the URL under the "Outline Drawing URL" column to open the corresponding package outline drawing on the Vishay Web site. Click the "Back" (left arrow) button on your browser to return to this index page.

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DPAK (TO-252)	Page 3	<a href="http://www.vishay.com/doc?71197">http://www.vishay.com/doc?71197</a>
DPAK (TO-252-4L)	Page 4	<a href="http://www.vishay.com/doc?74439">http://www.vishay.com/doc?74439</a>
D <sup>2</sup> PAK 3-Lead	Page 5	<a href="http://www.vishay.com/doc?71198">http://www.vishay.com/doc?71198</a>
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		(SUM) <a href="http://www.vishay.com/doc?71602">http://www.vishay.com/doc?71602</a>
		(Option L) <a href="http://www.vishay.com/doc?72945">http://www.vishay.com/doc?72945</a>
PolarPAK®	Page 7	(Option S) <a href="http://www.vishay.com/doc?73398">http://www.vishay.com/doc?73398</a>
PolarPAK (xH Options)	Page 8	(Option SH) <a href="http://www.vishay.com/doc?68946">http://www.vishay.com/doc?68946</a>
PowerPAK® 1212-8 Single	Page 9	<a href="http://www.vishay.com/doc?71656">http://www.vishay.com/doc?71656</a>
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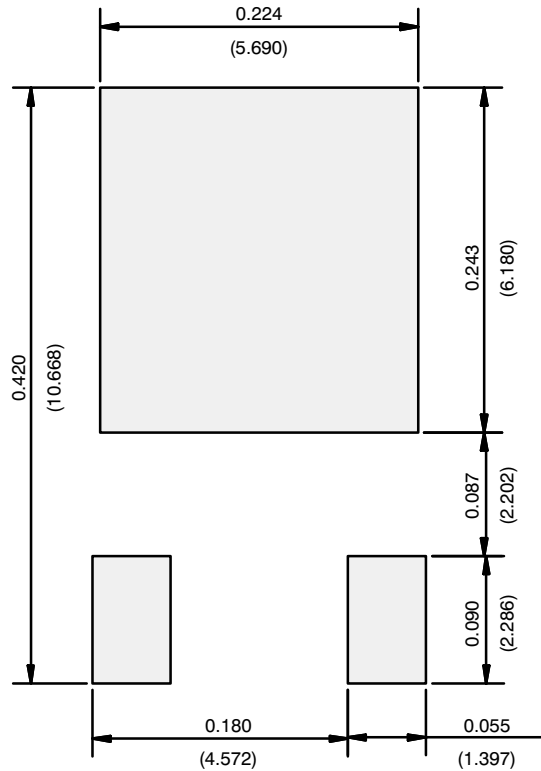
## RECOMMENDED MINIMUM PADS FOR 1206-8 ChipFET®



Recommended Minimum Pads  
Dimensions in Inches/(mm)

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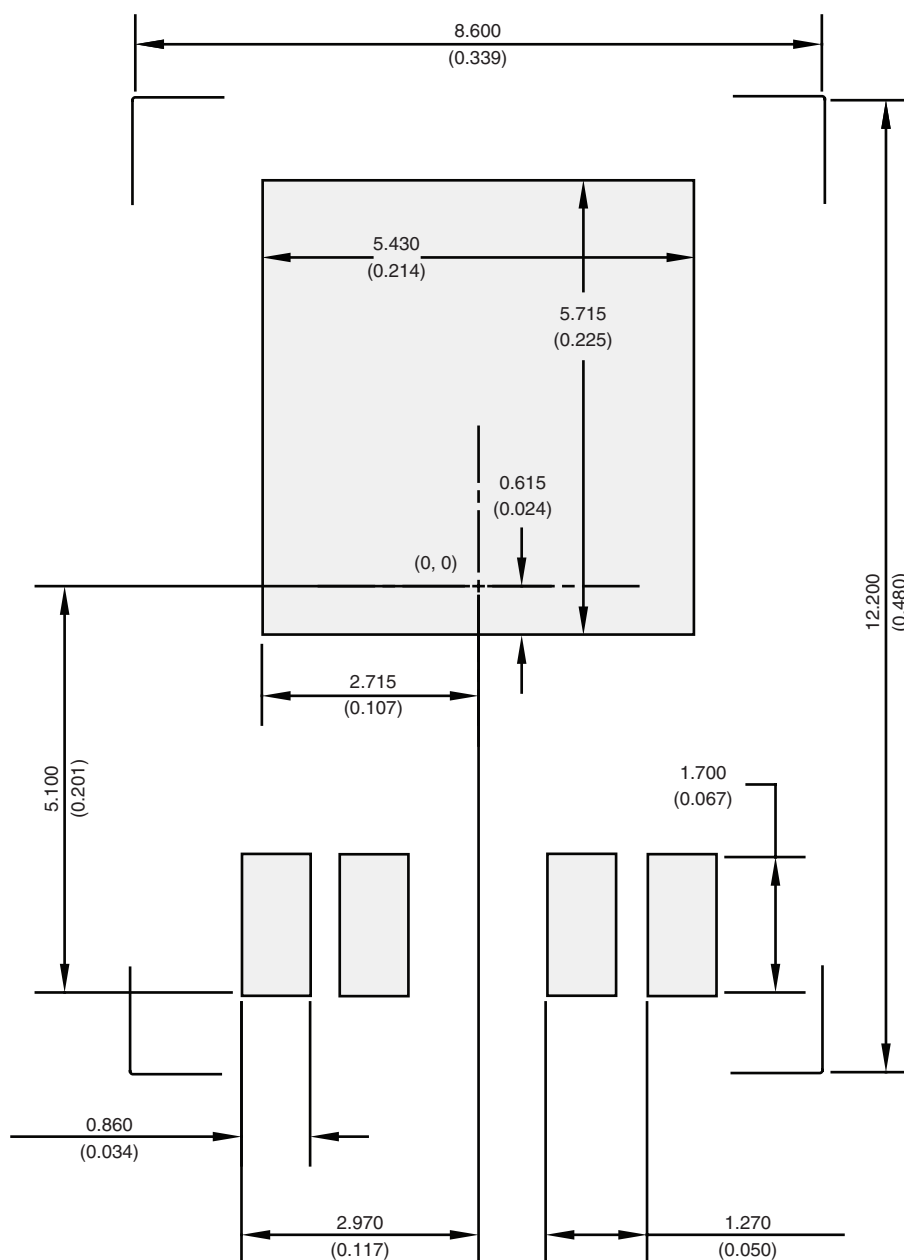
## RECOMMENDED MINIMUM PADS FOR DPAK (TO-252)



Recommended Minimum Pads  
Dimensions in Inches/(mm)

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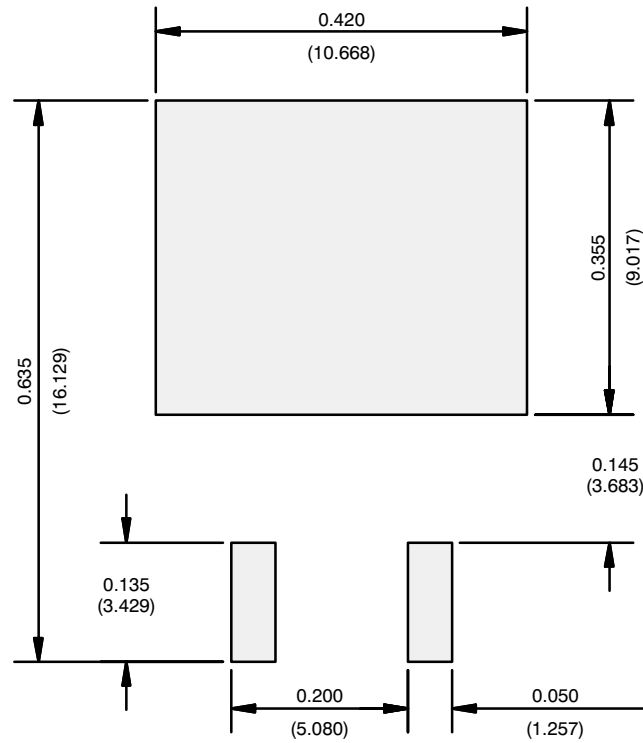
## RECOMMENDED PAD FOR DPAK 4L



Recommended Minimum PADs for TO-252-4L (DPAK)  
Dimensions in mm/(Inches)  
Keep-out 8.6 (0.339) x 12.2 (0.480)

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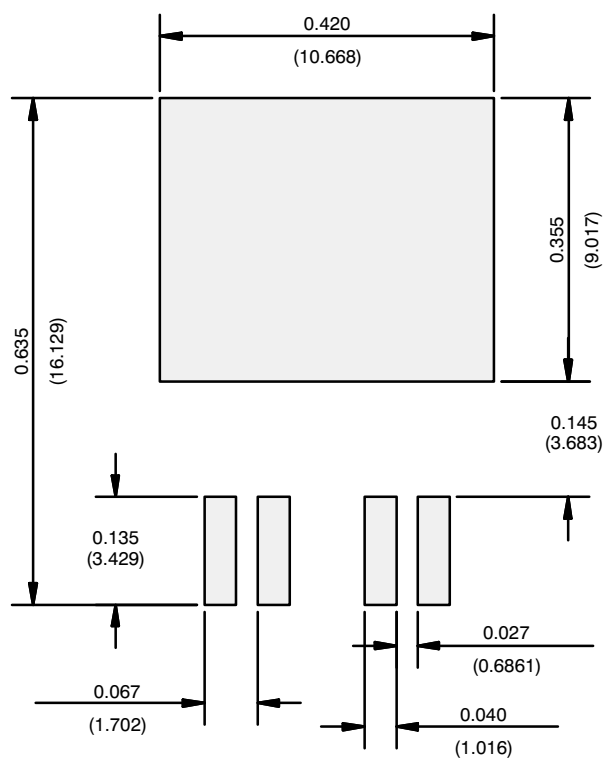
## RECOMMENDED MINIMUM PADS FOR D<sup>2</sup>PAK: 3-Lead



Recommended Minimum Pads  
Dimensions in Inches/(mm)

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## RECOMMENDED MINIMUM PADS FOR D<sup>2</sup>PAK: 5-Lead



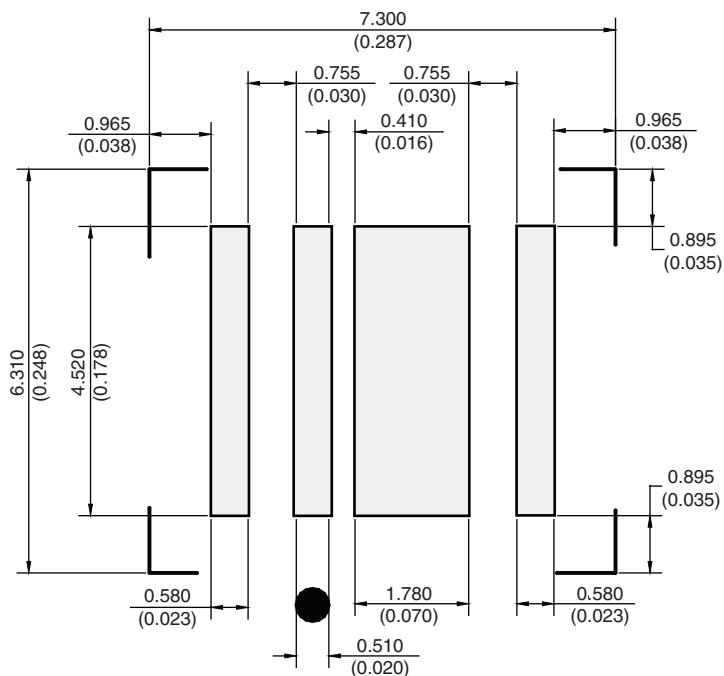
Recommended Minimum Pads  
Dimensions in Inches/(mm)

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Recommended Minimum for PolarPAK Option L and S  
Dimensions in mm/(Inches)  
No External Traces within Broken Lines  
Dot indicates Gate Pin (Part Marking)

APPLICATION NOTE

## RECOMMENDED MINIMUM PADS FOR HIGH VOLTAGE PolarPAK® Option xH

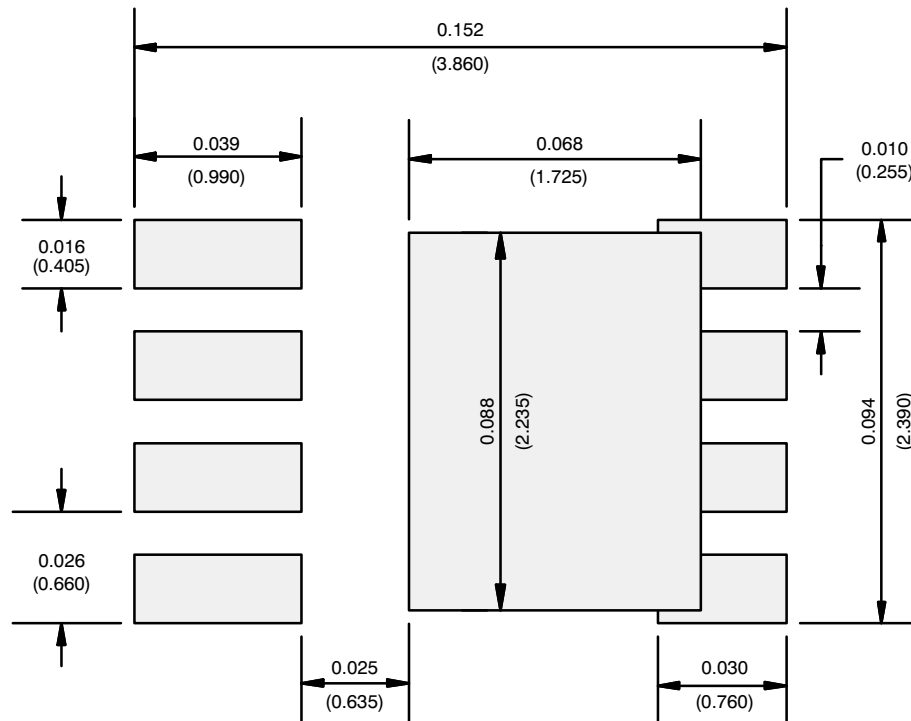


Dimensions in mm (inches)  
No external traces within border corners  
Dot indicate gate pin (part marking)

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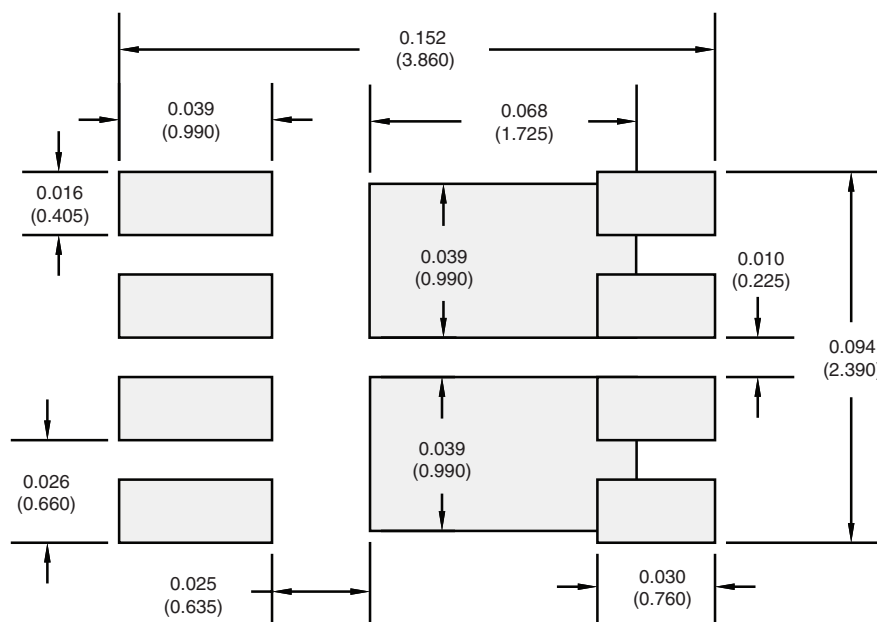
## RECOMMENDED MINIMUM PADS FOR PowerPAK® 1212-8 Single



Recommended Minimum Pads  
Dimensions in Inches/(mm)

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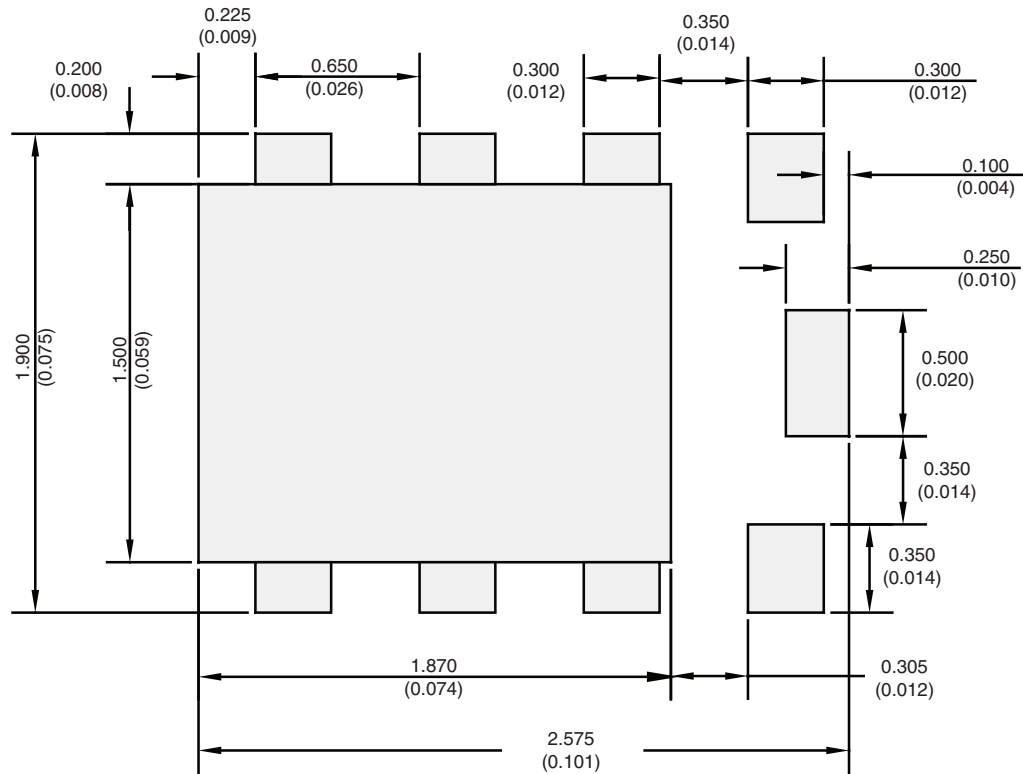
## RECOMMENDED MINIMUM PADS FOR PowerPAK® 1212-8 Dual



Recommended Minimum PADS for PowerPAK 1212-8 Dual  
Dimensions in Inches/(mm)

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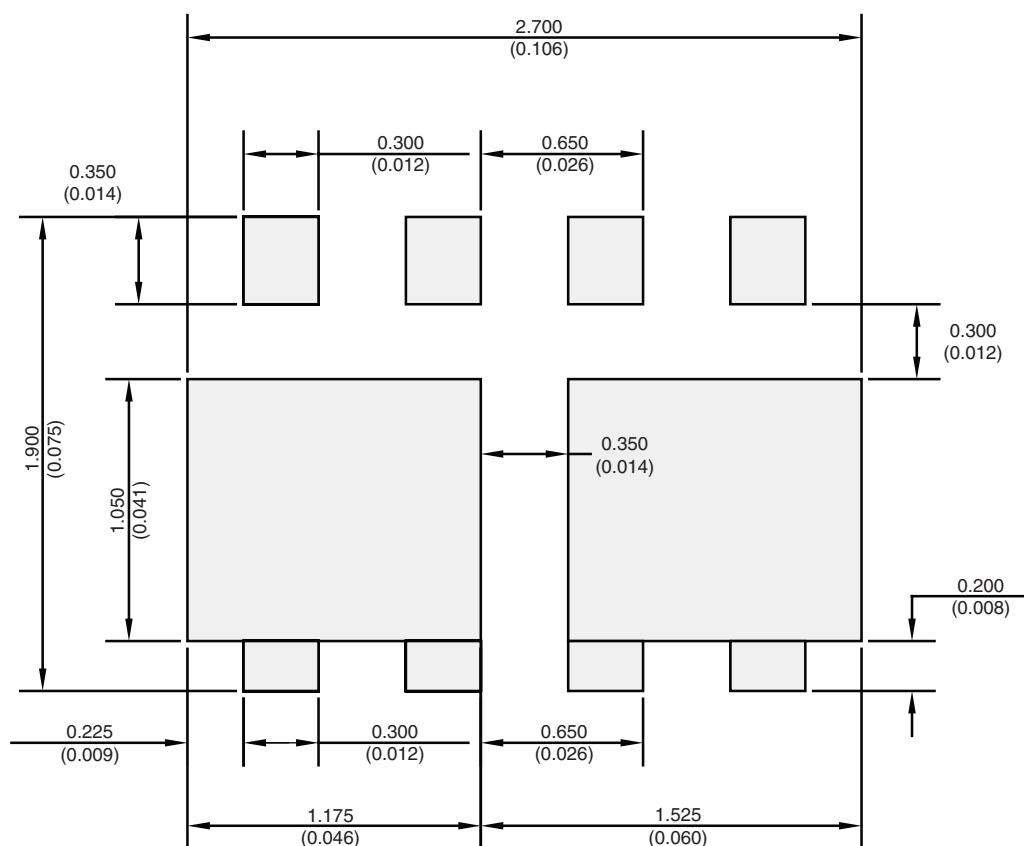
## RECOMMENDED MINIMUM PADS FOR PowerPAK® ChipFET® Single



Recommended Minimum Pads  
Dimensions in mm/(Inches)

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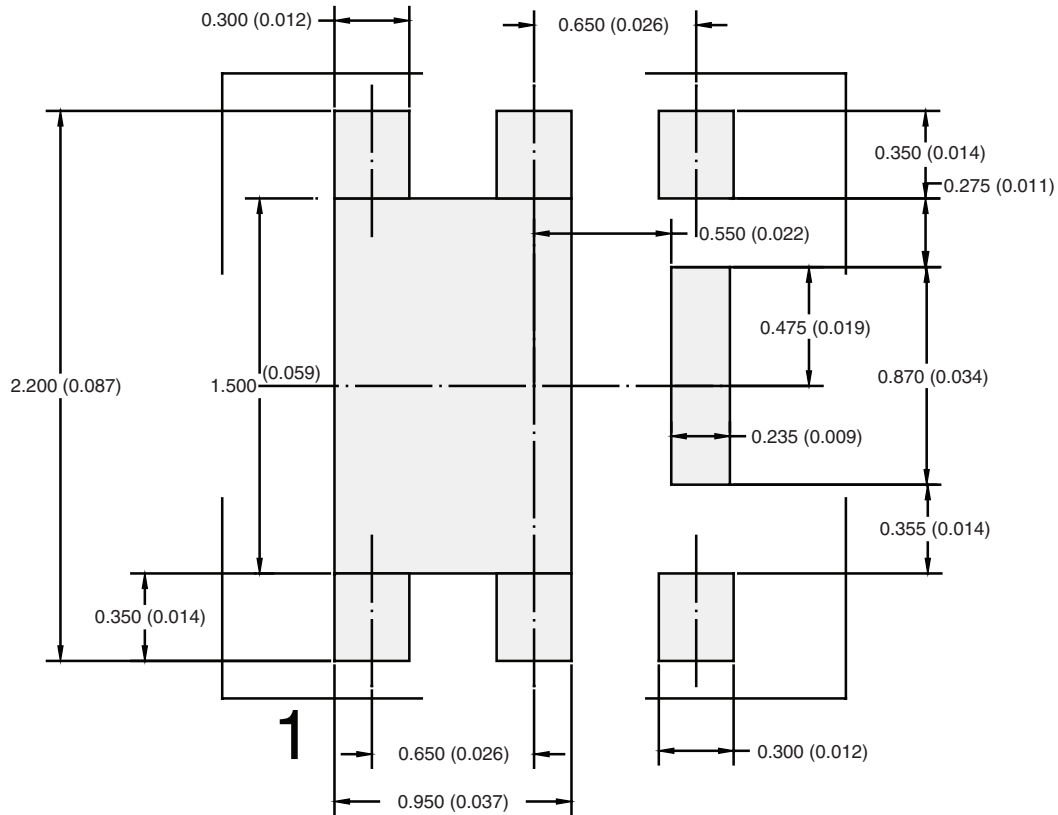
## RECOMMENDED MINIMUM PADS FOR PowerPAK® ChipFET® Dual



Recommended Minimum Pads  
Dimensions in mm/(Inches)

Note: This is Flipped Mirror Image  
Pin #1 Location is Top Left Corner

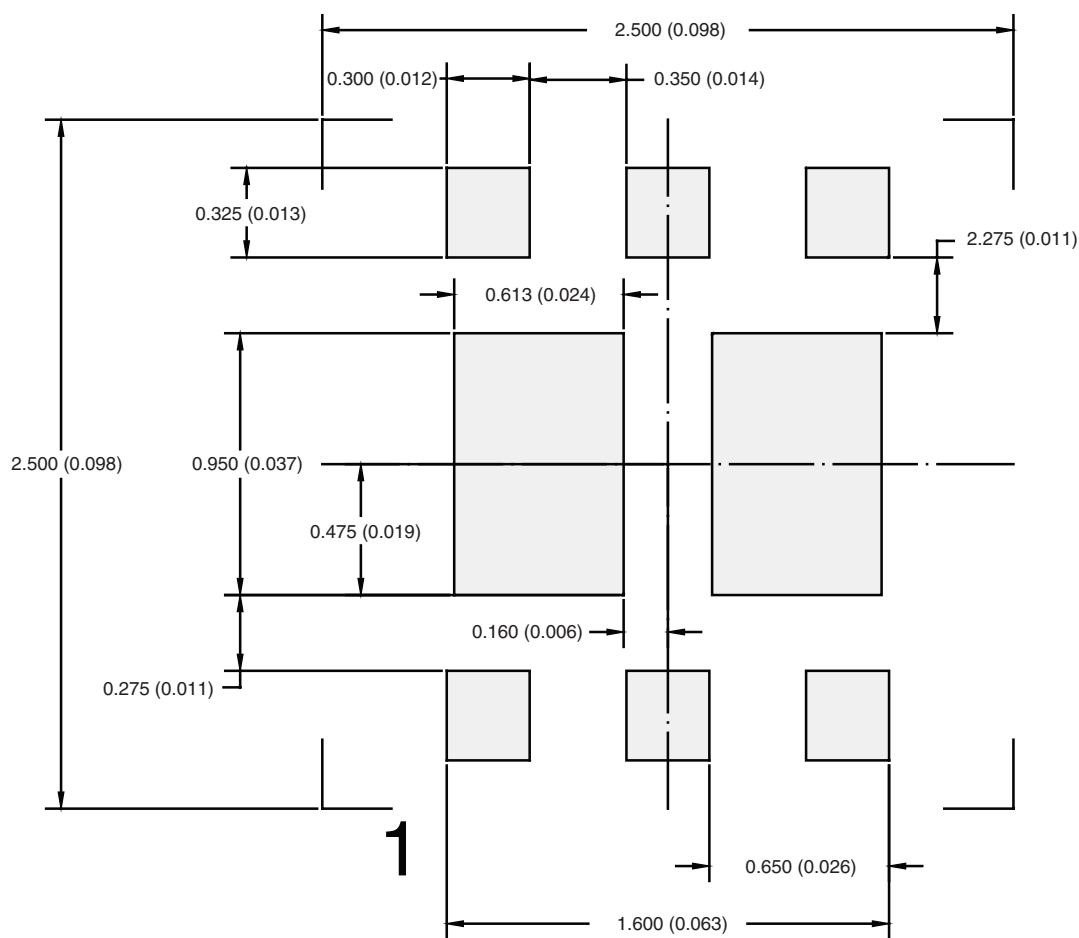
## RECOMMENDED PAD LAYOUT FOR PowerPAK® SC70-6L Single



Dimensions in mm/(Inches)

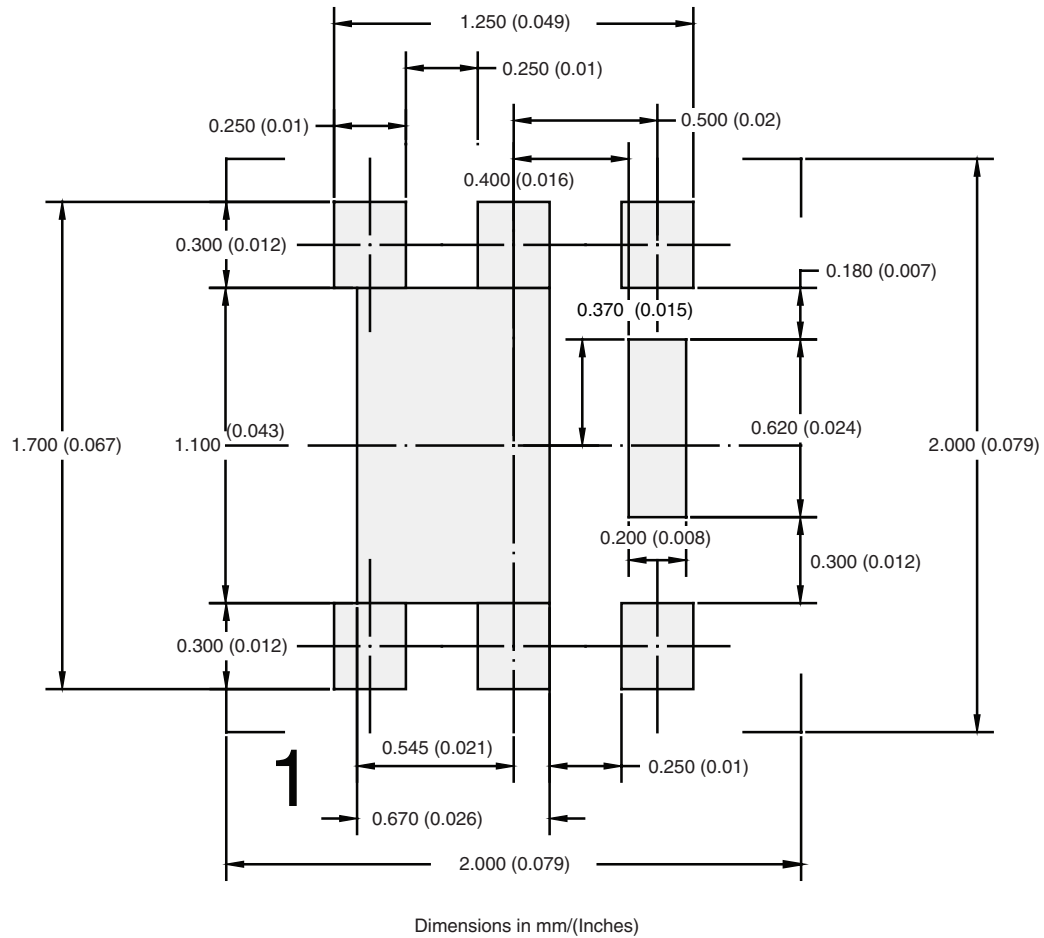
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## RECOMMENDED PAD LAYOUT FOR PowerPAK® SC70-6L Dual



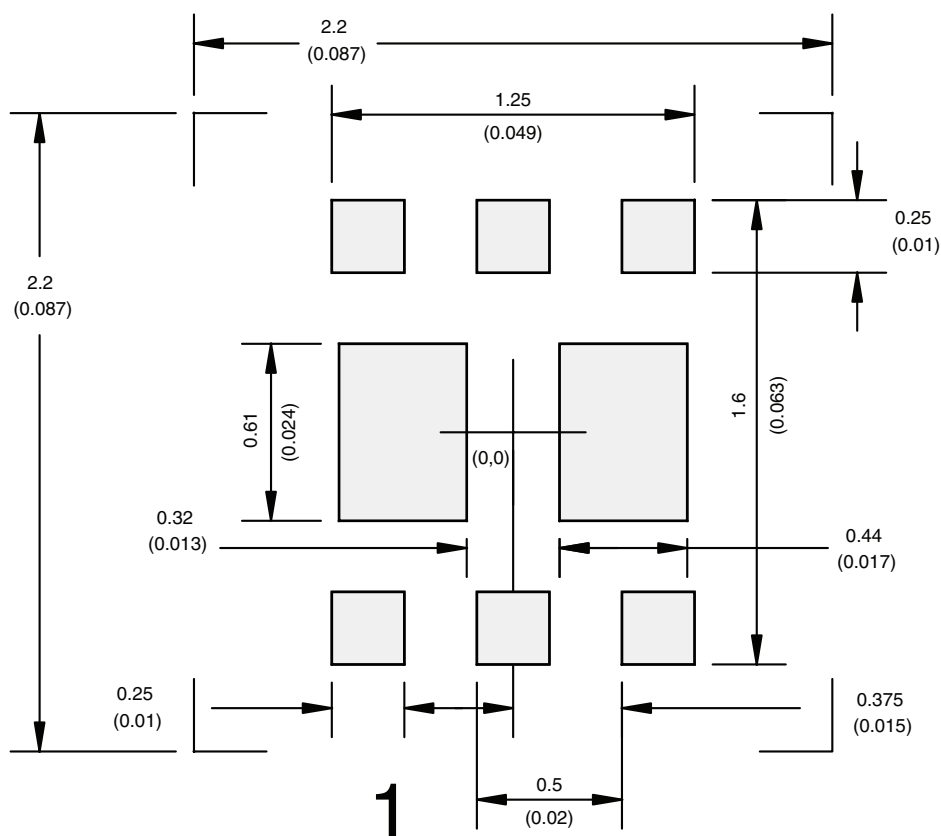
Dimensions in mm/(Inches)

## RECOMMENDED PAD LAYOUT FOR PowerPAK® SC75-6L Single



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## RECOMMENDED PAD LAYOUT FOR PowerPAK® SC75-6L Dual

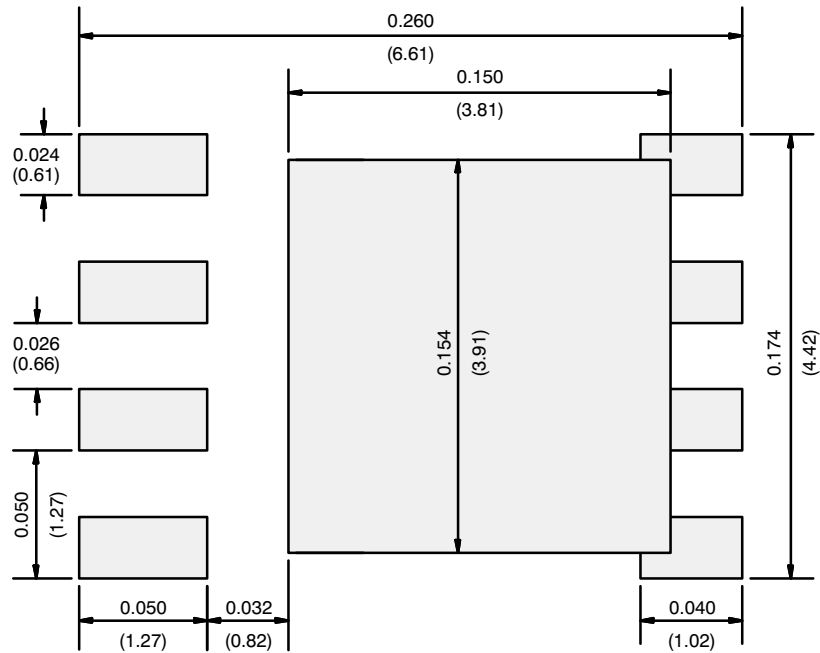


Dimensions in mm/(Inches)

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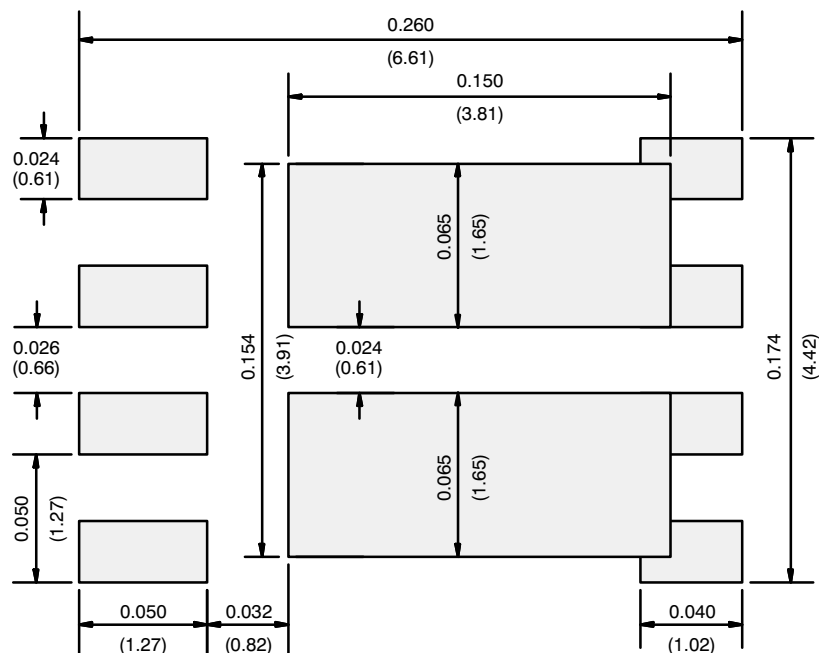
## RECOMMENDED MINIMUM PADS FOR PowerPAK® SO-8 Single



Recommended Minimum Pads  
Dimensions in Inches/(mm)

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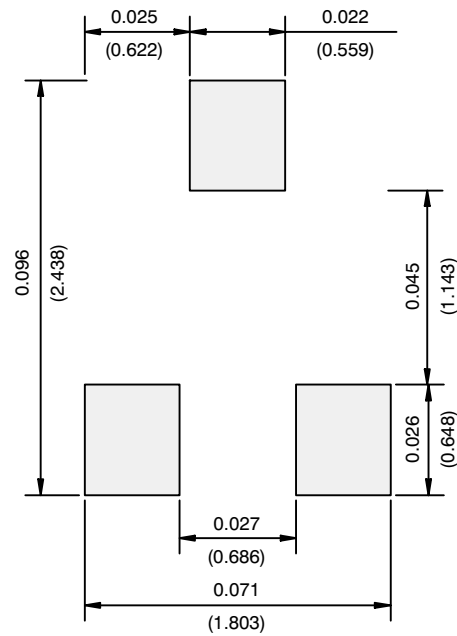
## RECOMMENDED MINIMUM PADS FOR PowerPAK® SO-8 Dual



Recommended Minimum Pads  
Dimensions in Inches/(mm)

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## RECOMMENDED MINIMUM PADS FOR SC-70: 3-Lead

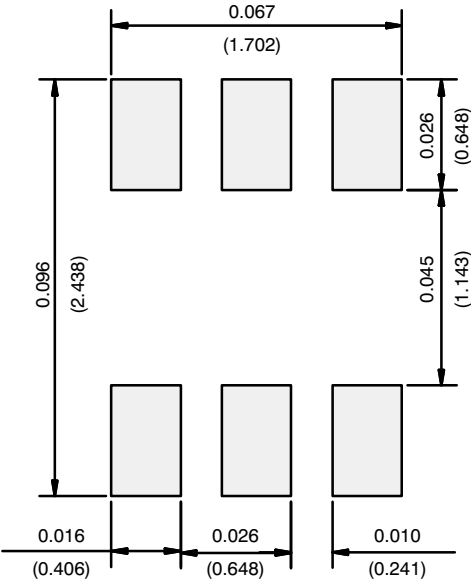


Recommended Minimum Pads  
Dimensions in Inches/(mm)

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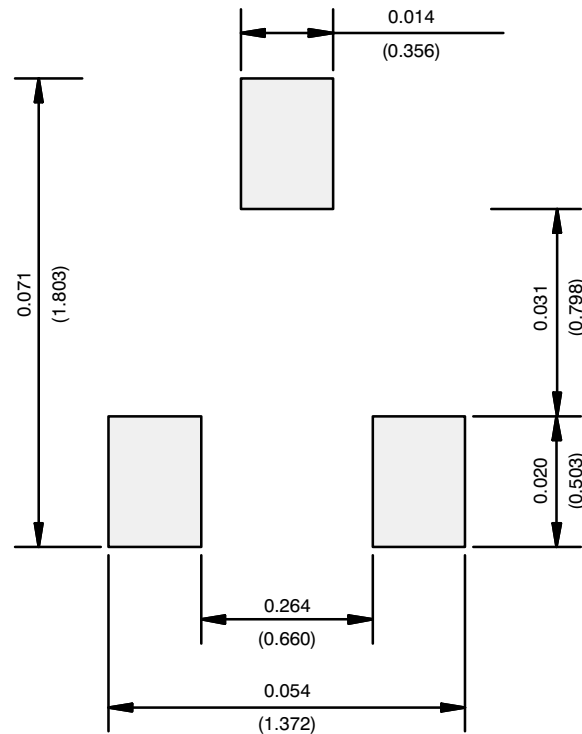
RECOMMENDED MINIMUM PADS FOR SC-70: 6-Lead



Recommended Minimum Pads  
Dimensions in Inches/(mm)

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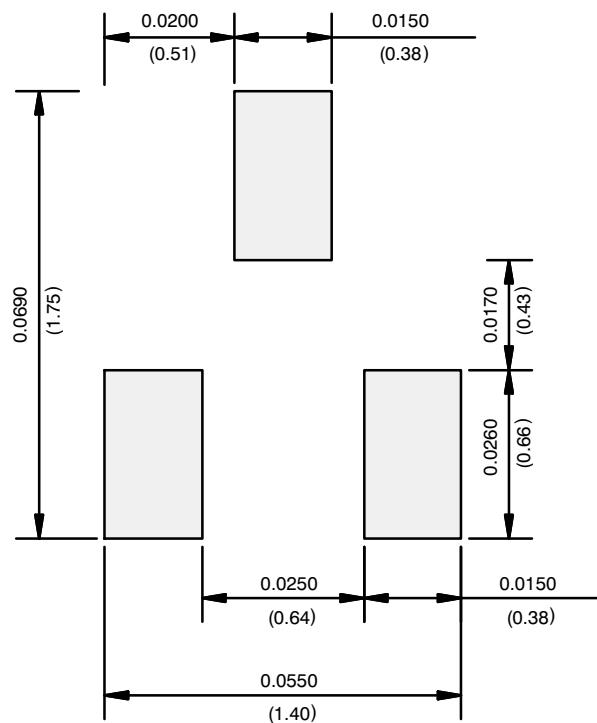
## RECOMMENDED MINIMUM PADS FOR SC-75A: 3-Lead



Recommended Minimum Pads  
Dimensions in Inches/(mm)

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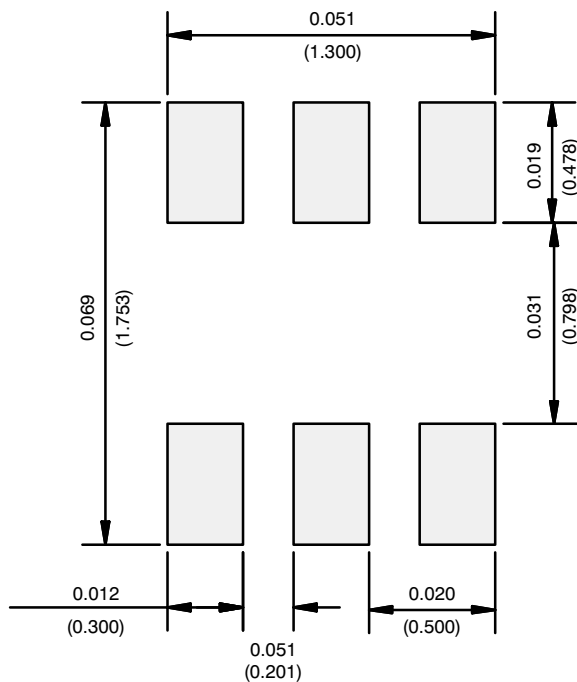
## RECOMMENDED MINIMUM PADS FOR SC-89: 3-Lead



Recommended Minimum Pads  
Dimensions in Inches/(mm)

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## RECOMMENDED MINIMUM PADS FOR SC-89: 6-Lead



Recommended Minimum Pads  
Dimensions in Inches/(mm)

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## RECOMMENDED MINIMUM PADS FOR SO-8

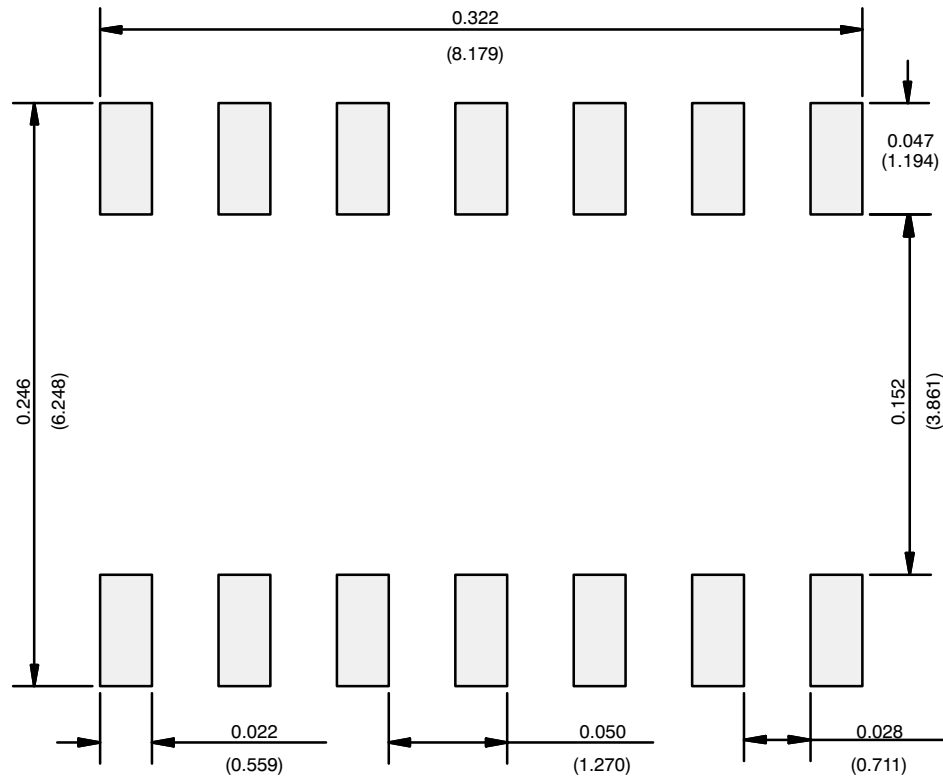


Recommended Minimum Pads  
Dimensions in Inches/(mm)

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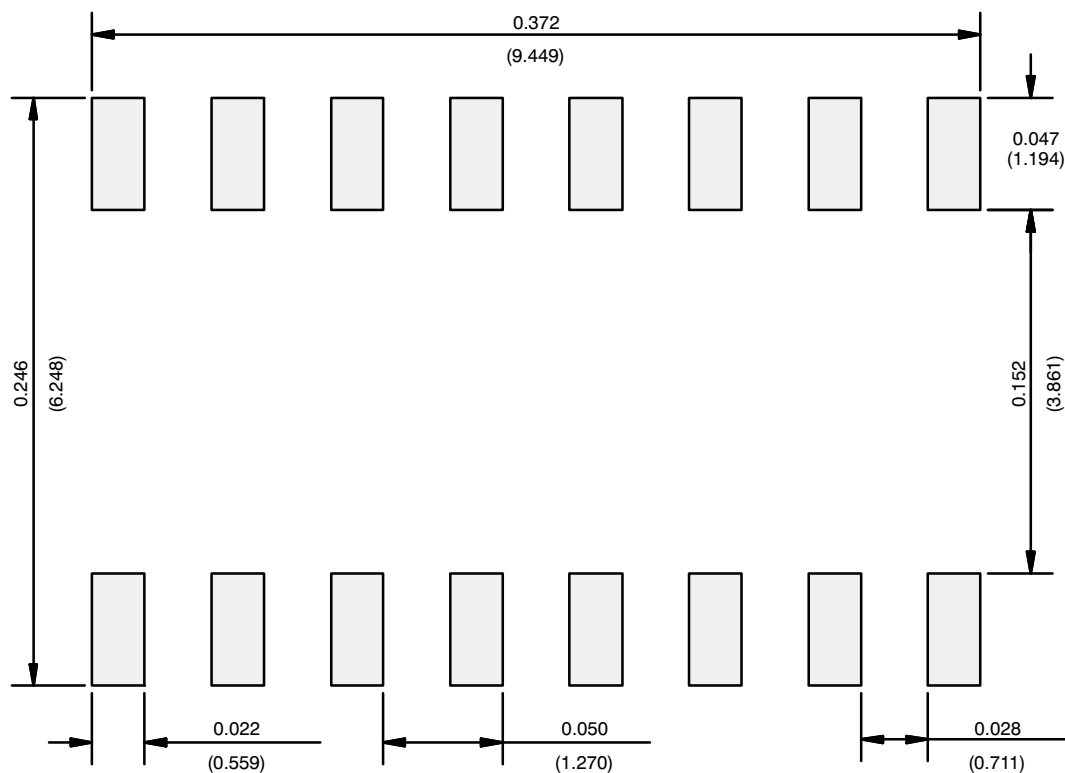
## RECOMMENDED MINIMUM PADS FOR SO-14



Recommended Minimum Pads  
Dimensions in Inches/(mm)

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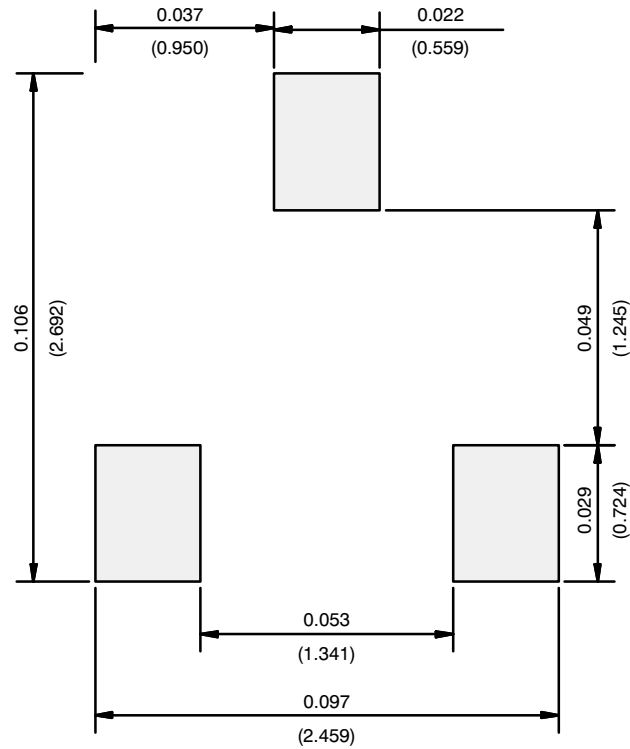
## RECOMMENDED MINIMUM PADS FOR SO-16



Recommended Minimum Pads  
Dimensions in Inches/(mm)

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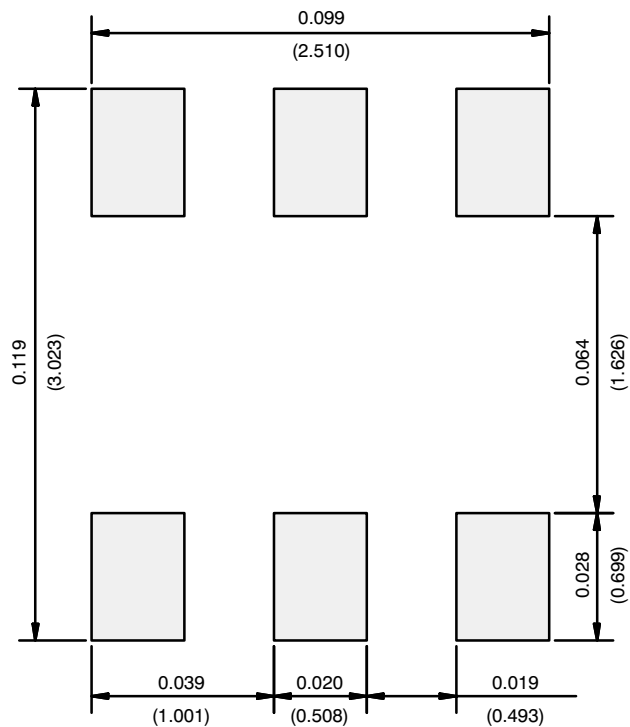
## RECOMMENDED MINIMUM PADS FOR SOT-23



Recommended Minimum Pads  
Dimensions in Inches/(mm)

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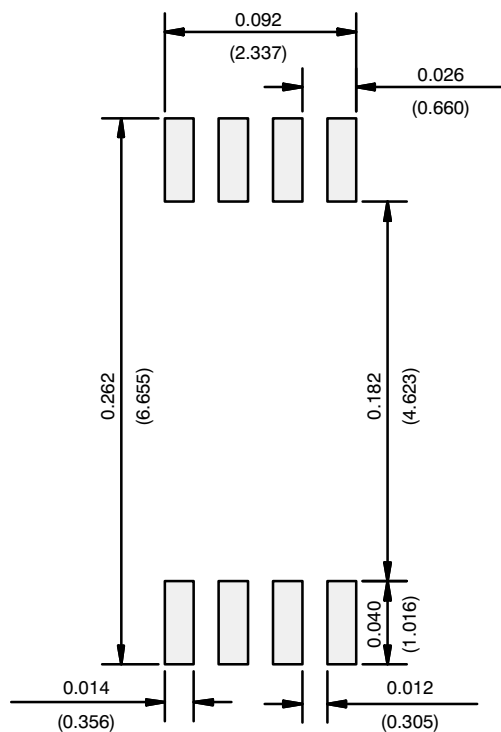
## RECOMMENDED MINIMUM PADS FOR TSOP-6



Recommended Minimum Pads  
Dimensions in Inches/(mm)

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## RECOMMENDED MINIMUM PADS FOR TSSOP-8



Recommended Minimum Pads  
Dimensions in Inches/(mm)

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