



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

BY KANDARP PANDYA

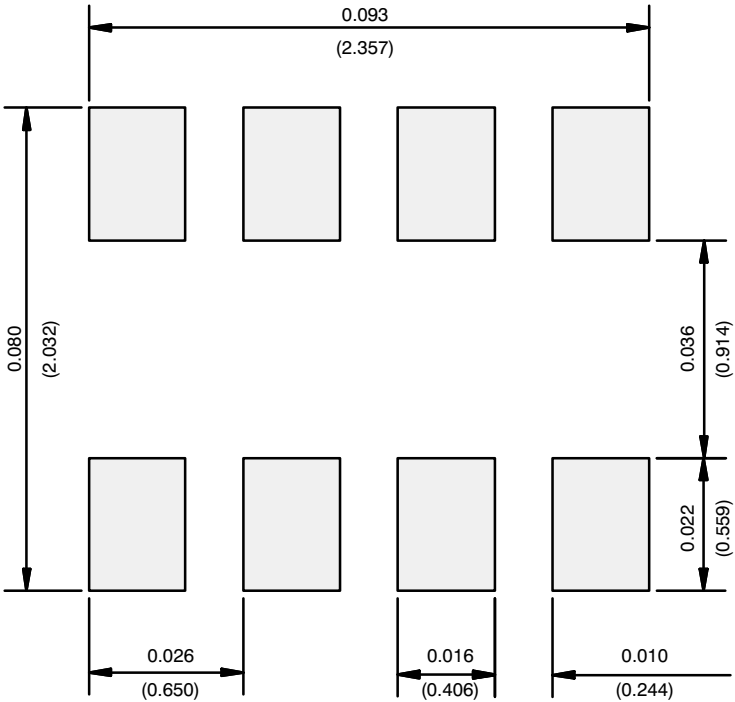
This Web-smart document offers the following features:

- 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.

PACKAGE DRAWING DOCUMENT INDEX		
PACKAGE	MINIMUM PAD PATTERN	OUTLINE DRAWING URL
1206-8 ChipFET®	Page 2	http://www.vishay.com/doc?71151
DPAK (TO-252)	Page 3	http://www.vishay.com/doc?71197
DPAK (TO-252-4L)	Page 4	http://www.vishay.com/doc?74439
D ² PAK 3-Lead	Page 5	http://www.vishay.com/doc?71198
D ² PAK 5-Lead	Page 6	(SUB) http://www.vishay.com/doc?71199
		(SUM) http://www.vishay.com/doc?71602
		(Option L) http://www.vishay.com/doc?72945
PolarPAK®	Page 7	(Option S) http://www.vishay.com/doc?73398
PolarPAK (xH Options)	Page 8	(Option SH) http://www.vishay.com/doc?68946
PowerPAK® 1212-8 Single	Page 9	http://www.vishay.com/doc?71656
PowerPAK 1212-8 Dual	Page 10	
PowerPAK ChipFET Single	Page 11	http://www.vishay.com/doc?73203
PowerPAK ChipFET Dual	Page 12	http://www.vishay.com/doc?73204
PowerPAK SC-70 Single	Page 13	http://www.vishay.com/doc?73001
PowerPAK SC-70 Dual	Page 14	
PowerPAK SC-75 Single	Page 15	http://www.vishay.com/doc?73000
PowerPAK SC-75 Dual	Page 16	
PowerPAK SO-8 Single	Page 17	http://www.vishay.com/doc?71655
PowerPAK SO-8 Dual	Page 18	
SC-70 3-Lead	Page 19	http://www.vishay.com/doc?71153
SC-70 6-Lead	Page 20	http://www.vishay.com/doc?71154
SC-75A 3-Lead	Page 21	http://www.vishay.com/doc?71348
SC-89 3-Lead	Page 22	http://www.vishay.com/doc?71377
SC-89 6-Lead	Page 23	http://www.vishay.com/doc?71612
SO-8	Page 24	http://www.vishay.com/doc?71192
SO-14	Page 25	http://www.vishay.com/doc?71193
SO-16	Page 26	http://www.vishay.com/doc?71194
SOT-23	Page 27	http://www.vishay.com/doc?71196
TSOP-6	Page 28	http://www.vishay.com/doc?71200
TSSOP-8	Page 29	http://www.vishay.com/doc?71201



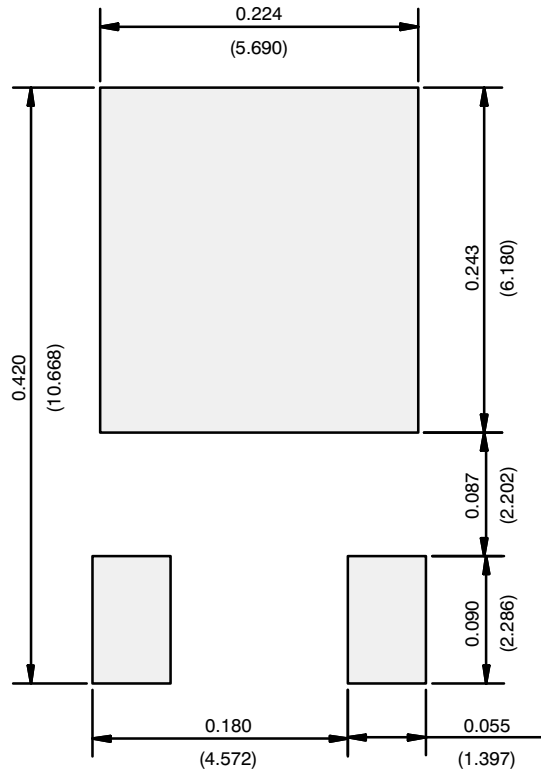
RECOMMENDED MINIMUM PADS FOR 1206-8 ChipFET®



Recommended Minimum Pads
Dimensions in Inches/(mm)

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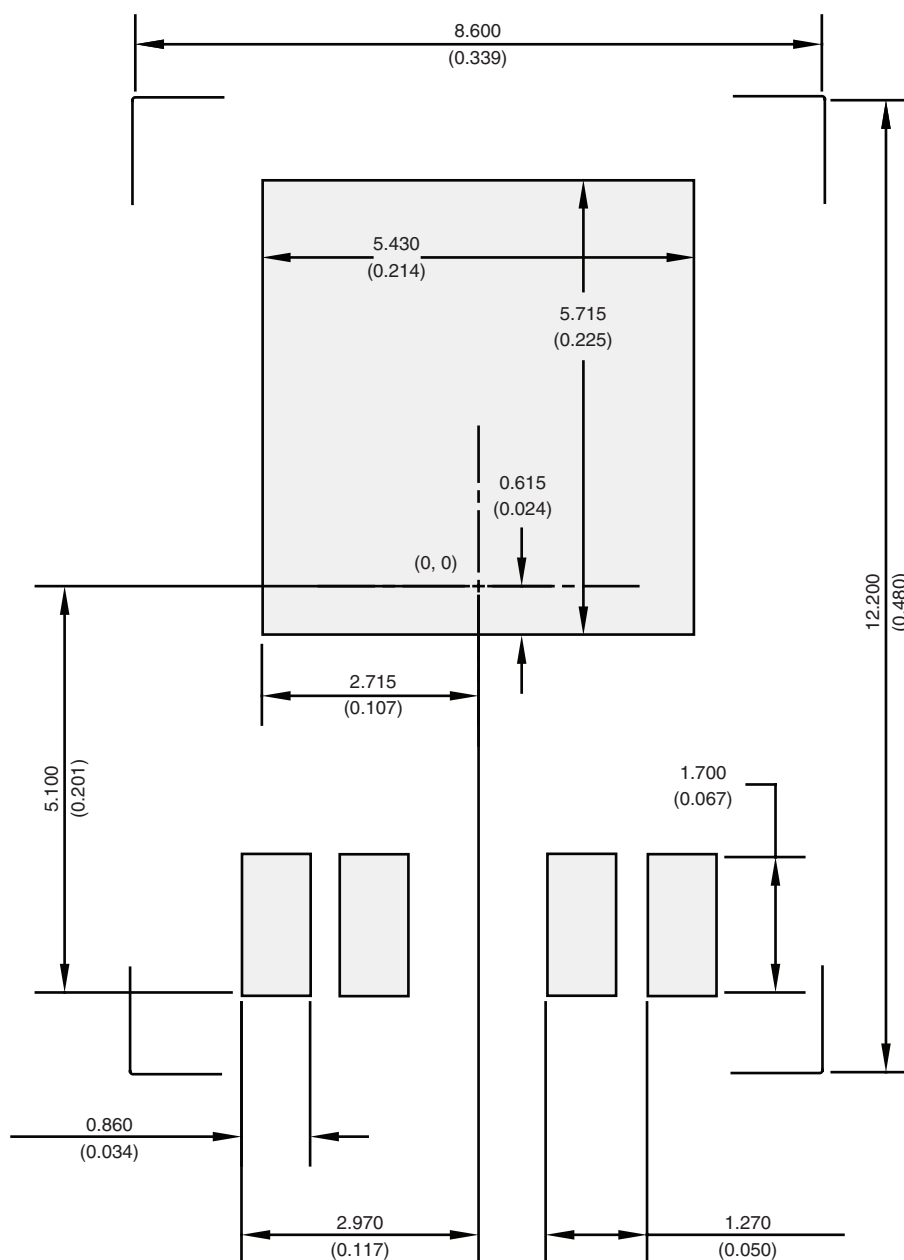
RECOMMENDED MINIMUM PADS FOR DPAK (TO-252)



Recommended Minimum Pads
Dimensions in Inches/(mm)

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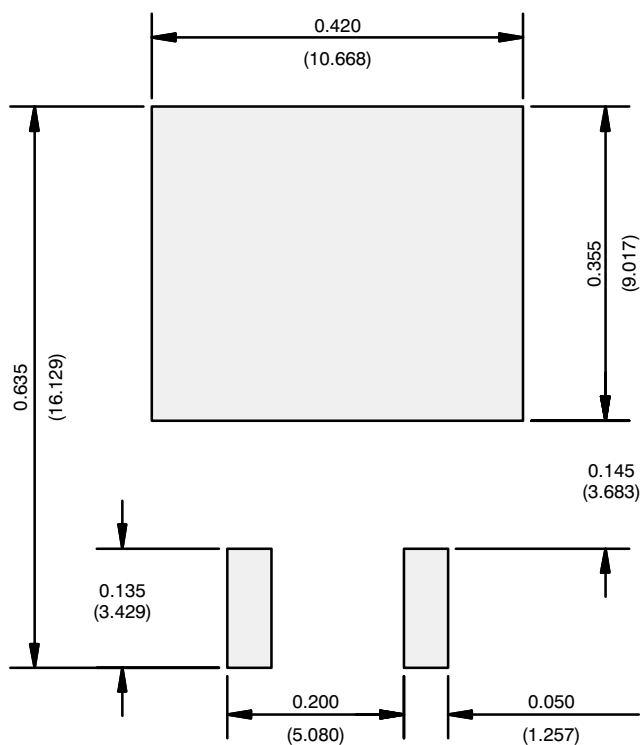
RECOMMENDED PAD FOR DPAK 4L



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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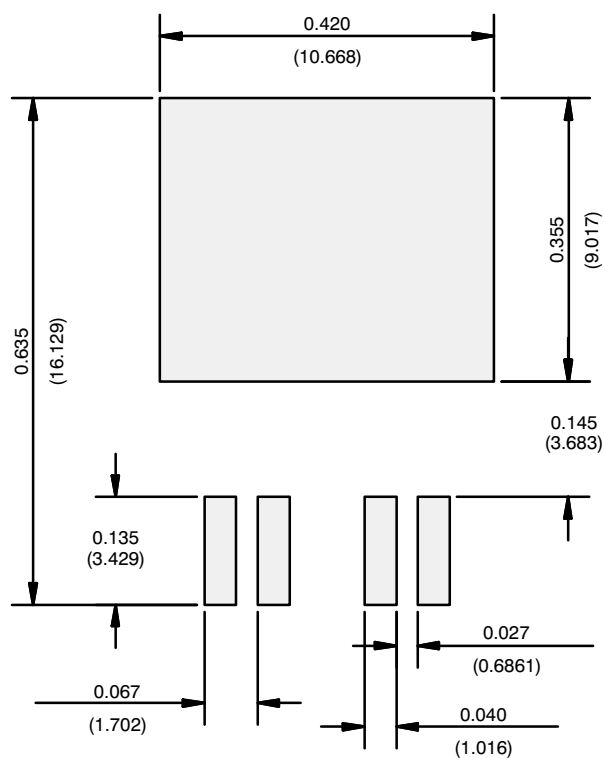
RECOMMENDED MINIMUM PADS FOR D²PAK: 3-Lead



Recommended Minimum Pads
Dimensions in Inches/(mm)

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RECOMMENDED MINIMUM PADS FOR D²PAK: 5-Lead



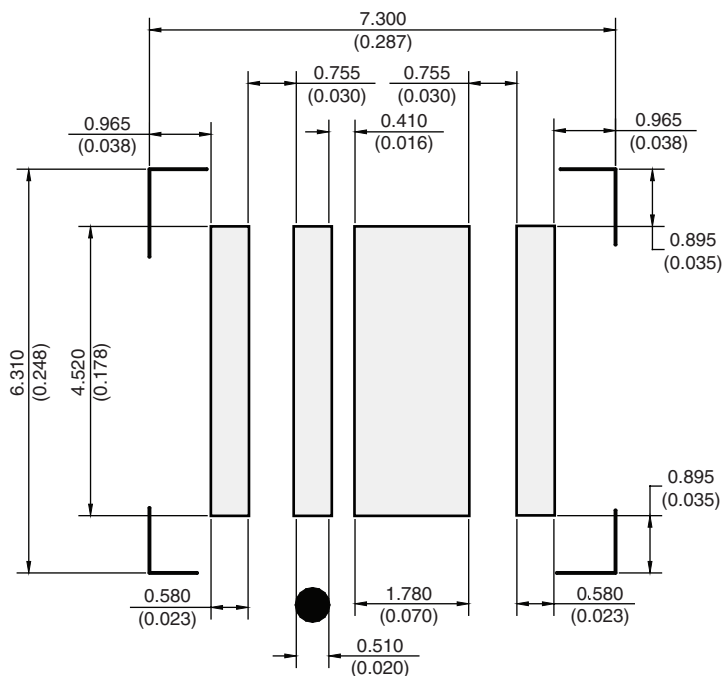
Recommended Minimum Pads
Dimensions in Inches/(mm)

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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

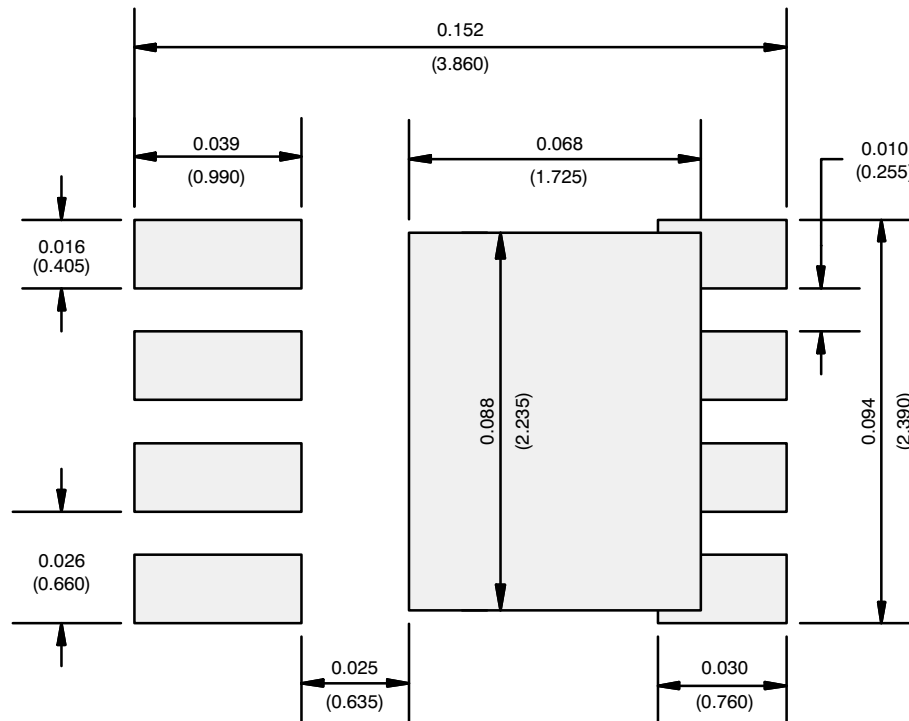
RECOMMENDED MINIMUM PADS FOR HIGH VOLTAGE PolarPAK® Option xH



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

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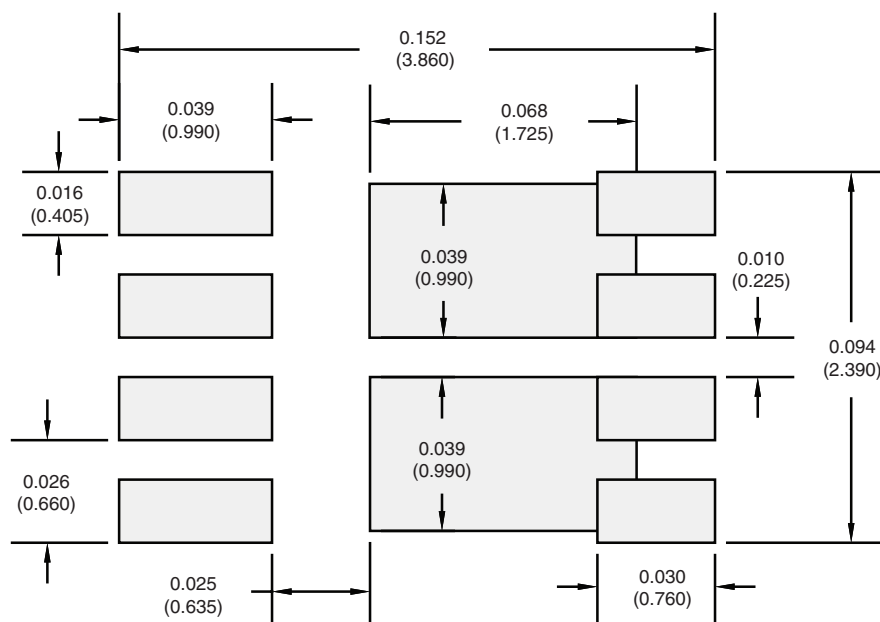
RECOMMENDED MINIMUM PADS FOR PowerPAK® 1212-8 Single



Recommended Minimum Pads
Dimensions in Inches/(mm)

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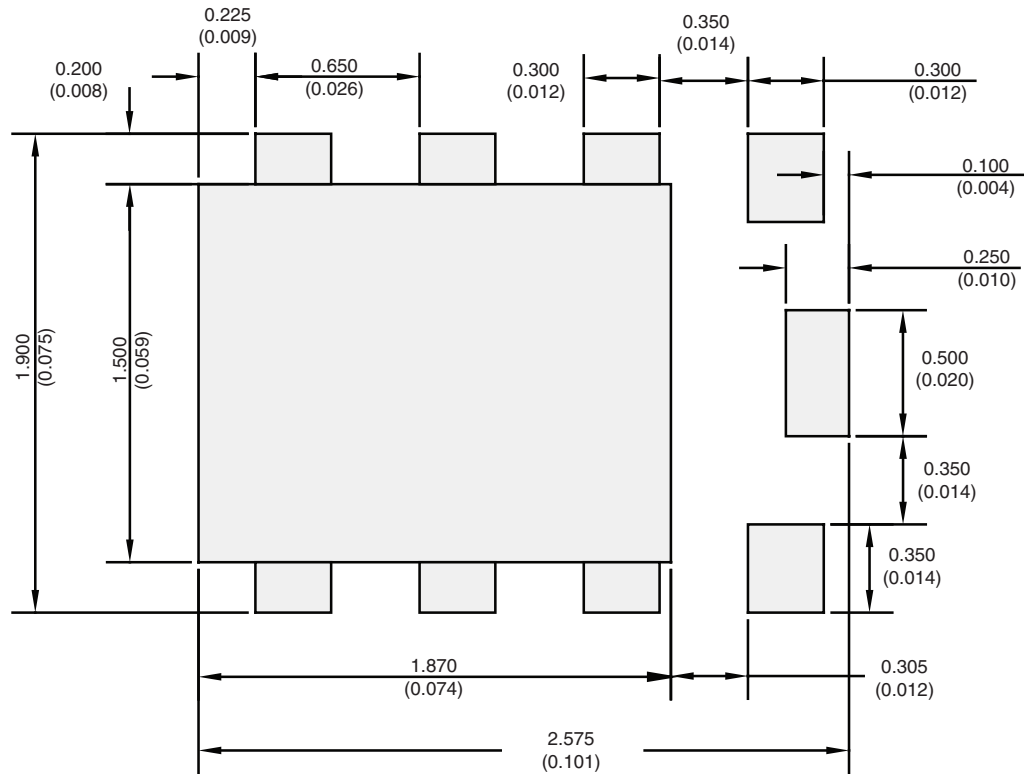
RECOMMENDED MINIMUM PADS FOR PowerPAK® 1212-8 Dual



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

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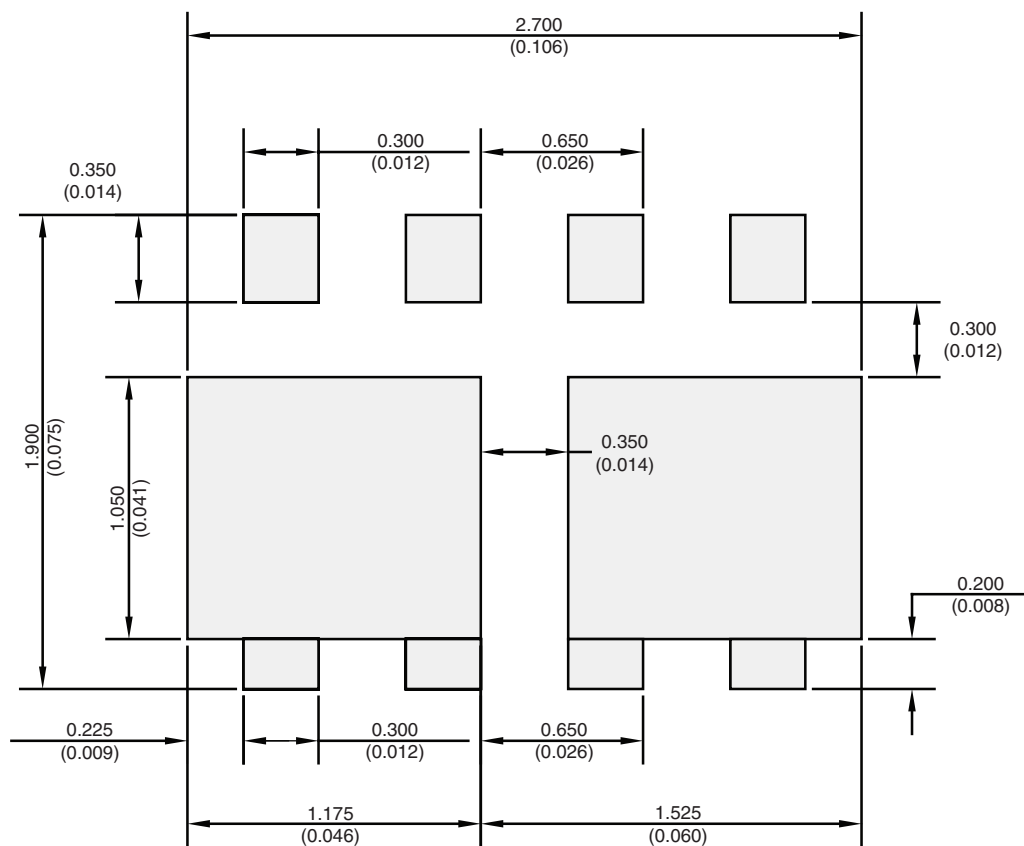
RECOMMENDED MINIMUM PADS FOR PowerPAK® ChipFET® Single



Recommended Minimum Pads
Dimensions in mm/(Inches)

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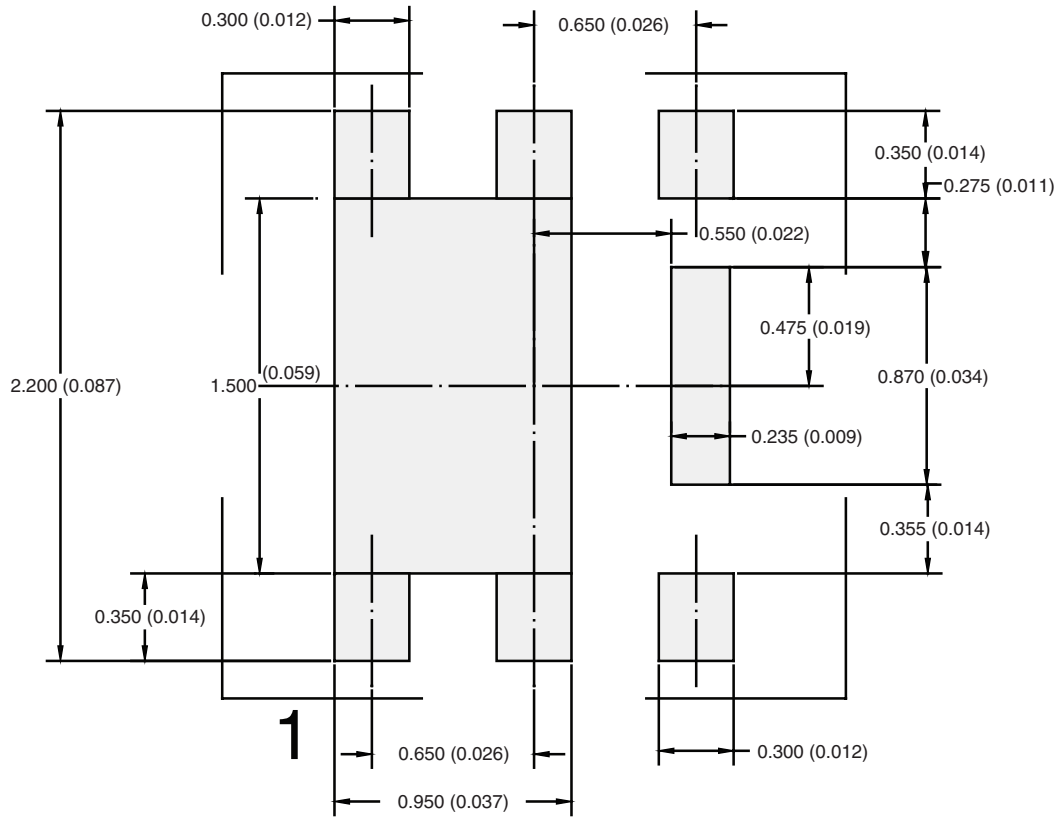
RECOMMENDED MINIMUM PADS FOR PowerPAK® ChipFET® Dual



Recommended Minimum Pads
Dimensions in mm/(Inches)

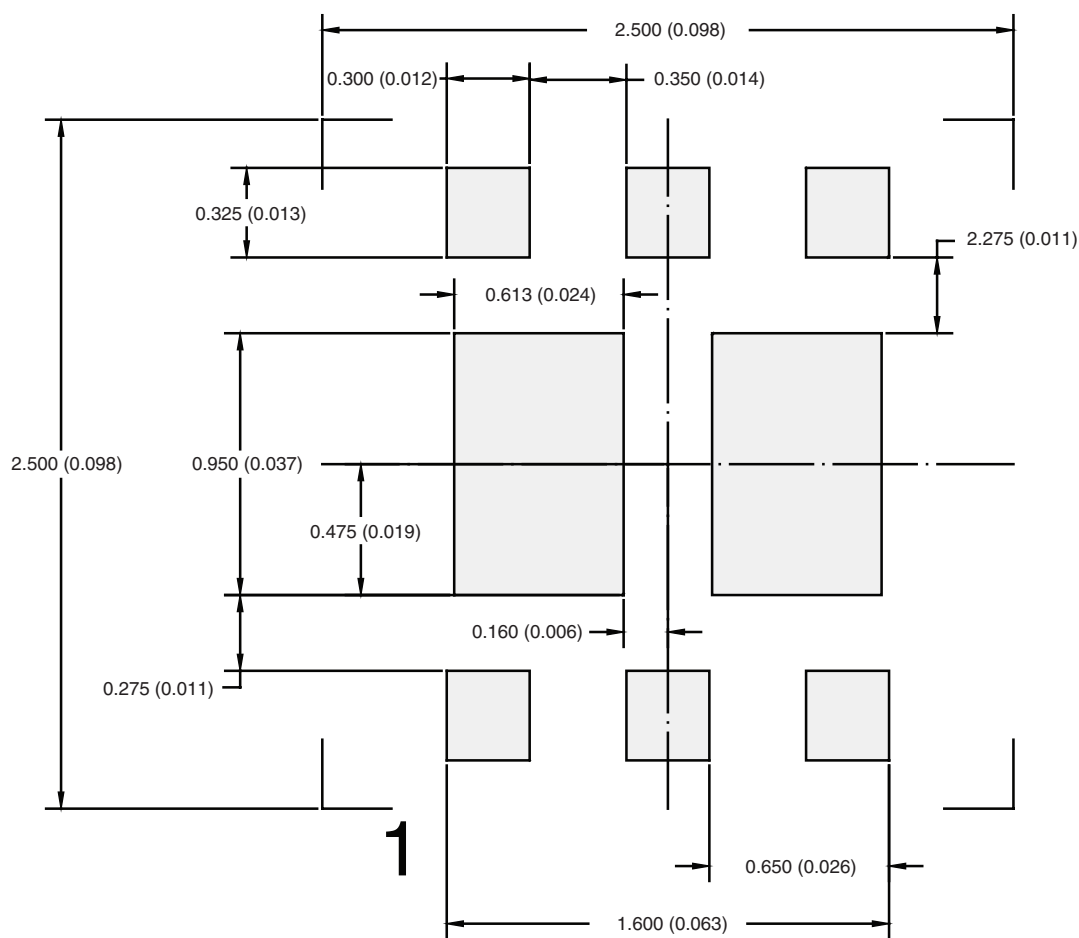
Note: This is Flipped Mirror Image
Pin #1 Location is Top Left Corner

RECOMMENDED PAD LAYOUT FOR PowerPAK® SC70-6L Single



Dimensions in mm/(Inches)

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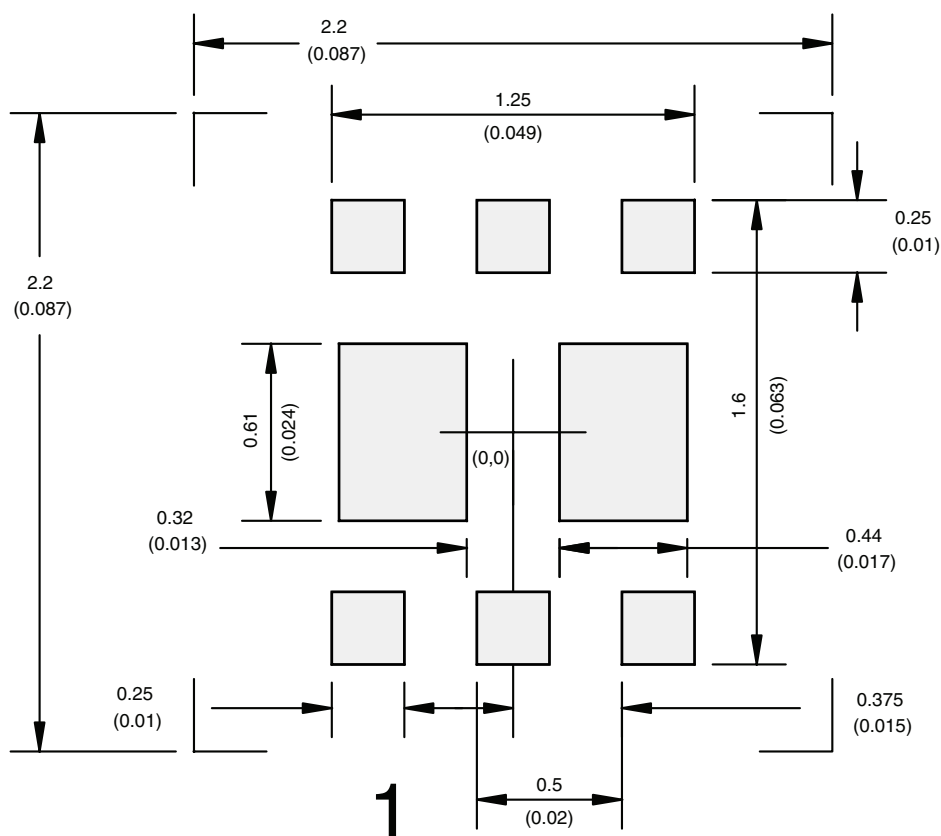
Dimensions in mm/(Inches)

Technical drawing of a mechanical part, showing dimensions in mm and inches. The drawing includes a central rectangular feature with a central vertical slot and a horizontal slot. The overall dimensions are 2.000 (0.079) in width and 1.700 (0.067) in height. The central vertical slot is 0.250 (0.01) in width and 0.400 (0.016) in height. The horizontal slot is 0.370 (0.015) in width and 0.200 (0.008) in height. The drawing also shows various other dimensions for the top, bottom, and side features, including a 0.300 (0.012) dimension for the top and bottom features, and a 0.180 (0.007) dimension for the right side feature. A large number '1' is present in the bottom left corner.

Dimensions in mm/(Inches)

APPLICATION NOTE

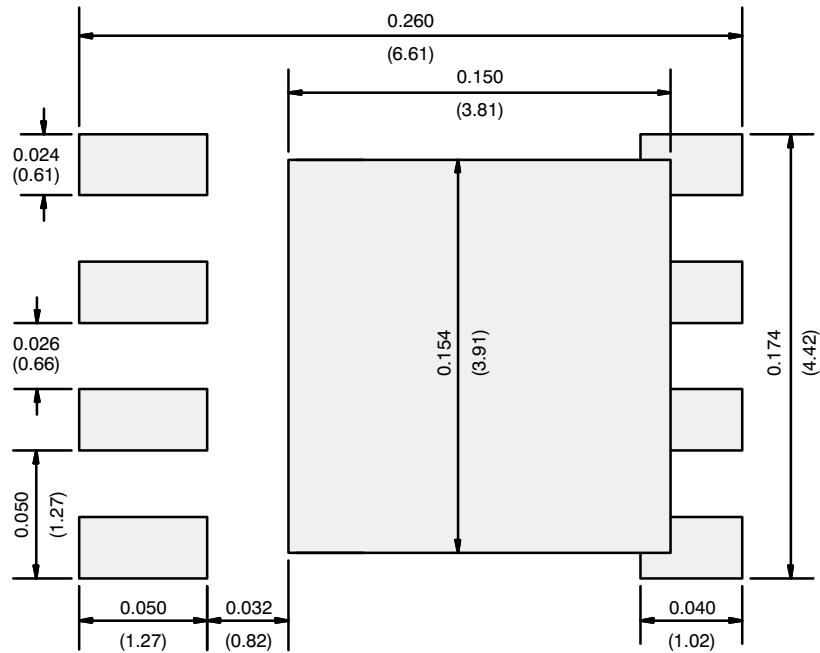
RECOMMENDED PAD LAYOUT FOR PowerPAK® SC75-6L Dual



Dimensions in mm/(Inches)

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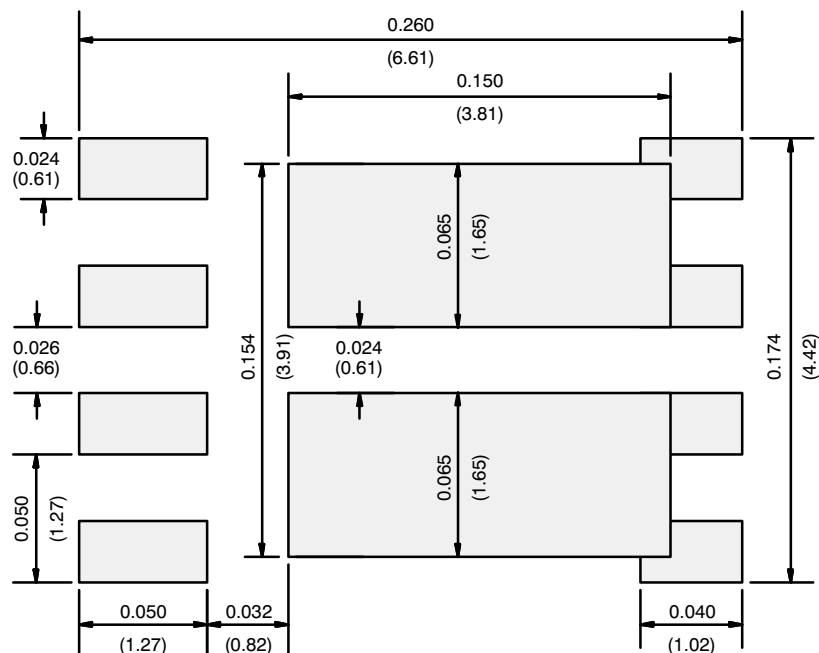
RECOMMENDED MINIMUM PADS FOR PowerPAK® SO-8 Single



Recommended Minimum Pads
Dimensions in Inches/(mm)

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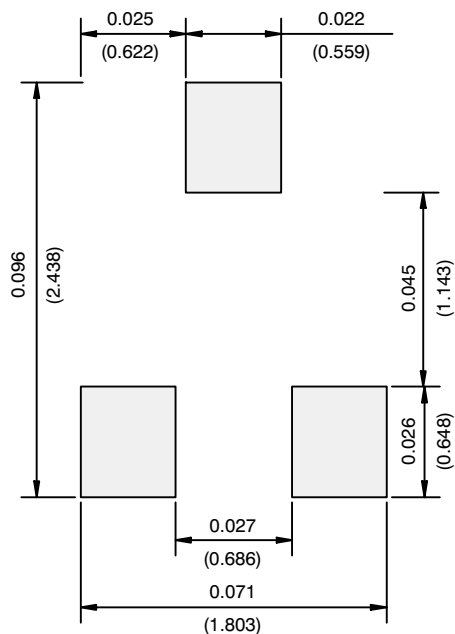
RECOMMENDED MINIMUM PADS FOR PowerPAK® SO-8 Dual



Recommended Minimum Pads
Dimensions in Inches/(mm)

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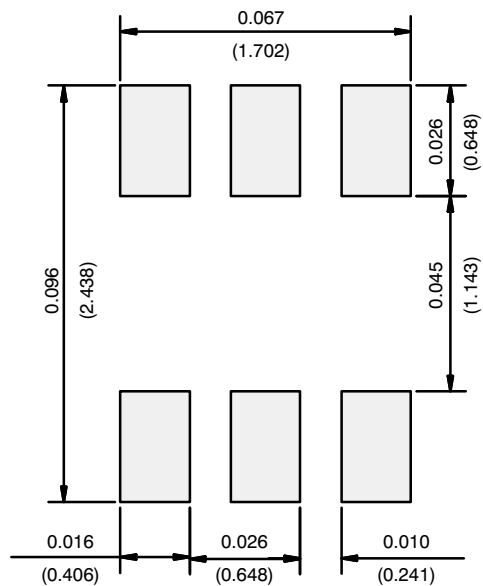
RECOMMENDED MINIMUM PADS FOR SC-70: 3-Lead



Recommended Minimum Pads
Dimensions in Inches/(mm)

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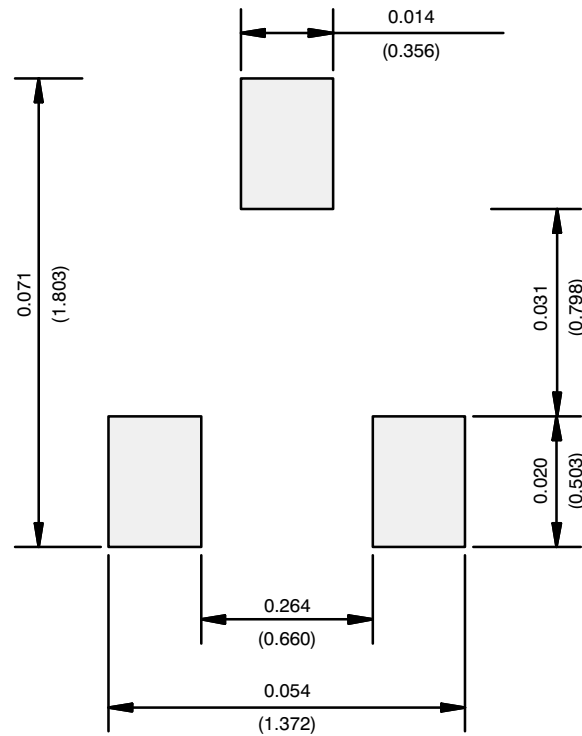
RECOMMENDED MINIMUM PADS FOR SC-70: 6-Lead



Recommended Minimum Pads
Dimensions in Inches/(mm)

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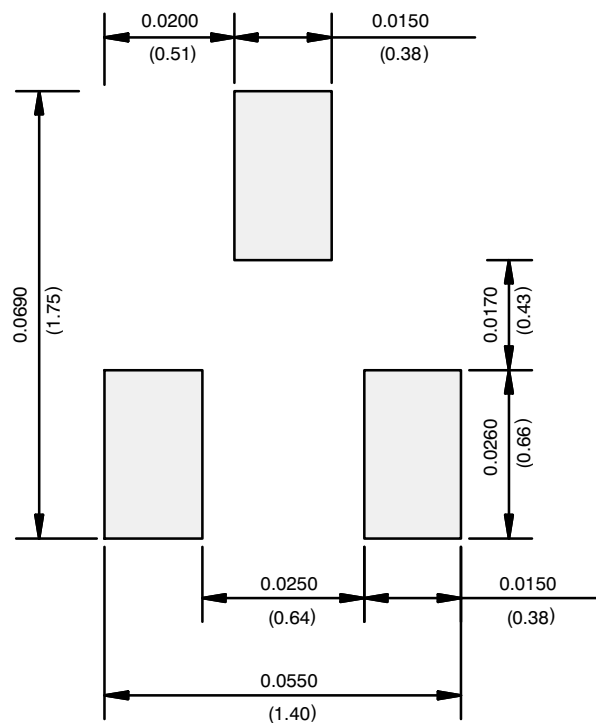
RECOMMENDED MINIMUM PADS FOR SC-75A: 3-Lead



Recommended Minimum Pads
Dimensions in Inches/(mm)

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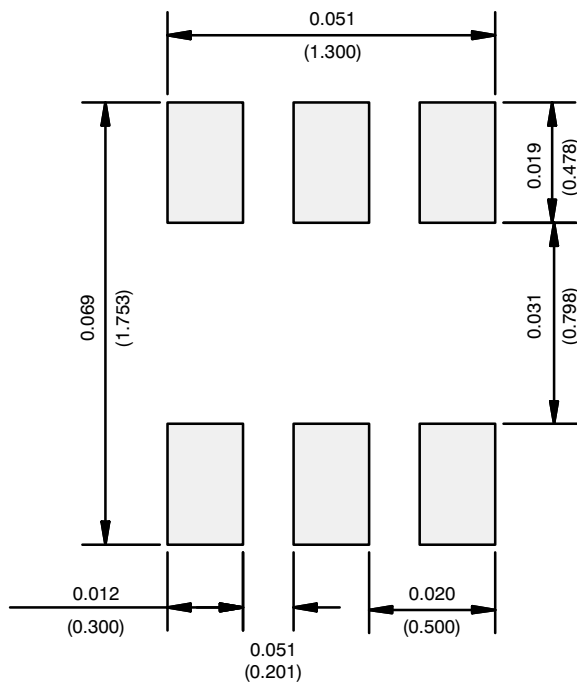
RECOMMENDED MINIMUM PADS FOR SC-89: 3-Lead



Recommended Minimum Pads
Dimensions in Inches/(mm)

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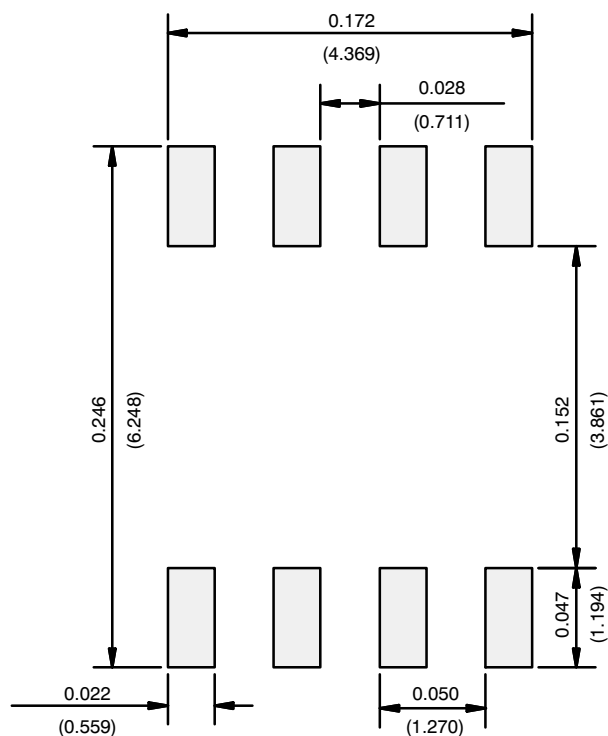
RECOMMENDED MINIMUM PADS FOR SC-89: 6-Lead



Recommended Minimum Pads
Dimensions in Inches/(mm)

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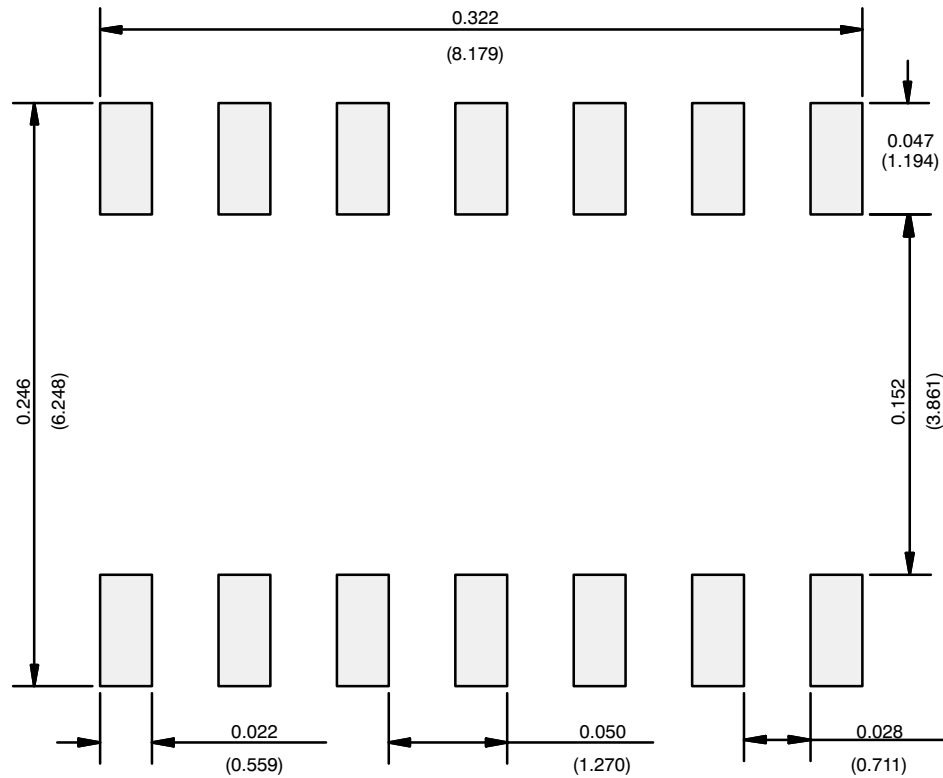
RECOMMENDED MINIMUM PADS FOR SO-8



Recommended Minimum Pads
Dimensions in Inches/(mm)

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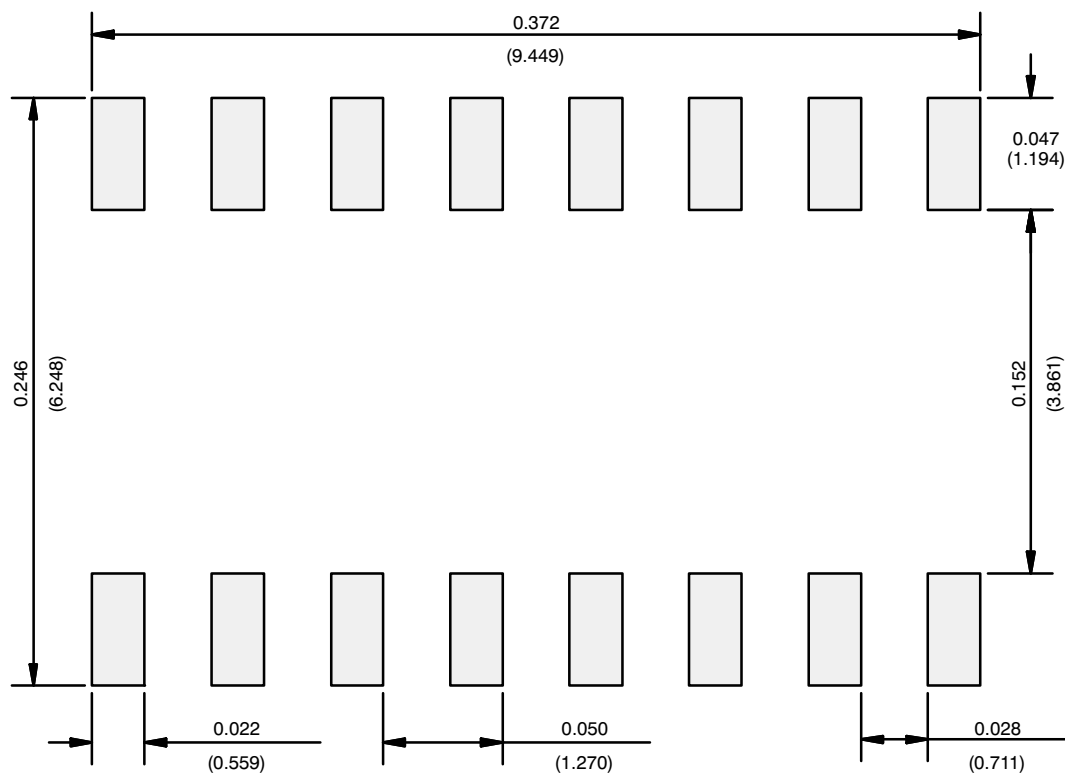
RECOMMENDED MINIMUM PADS FOR SO-14



Recommended Minimum Pads
Dimensions in Inches/(mm)

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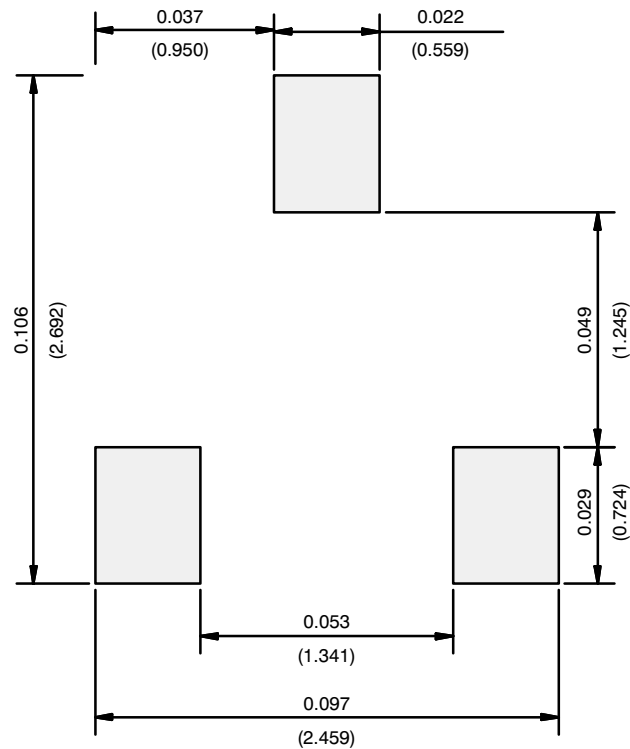
RECOMMENDED MINIMUM PADS FOR SO-16



Recommended Minimum Pads
Dimensions in Inches/(mm)

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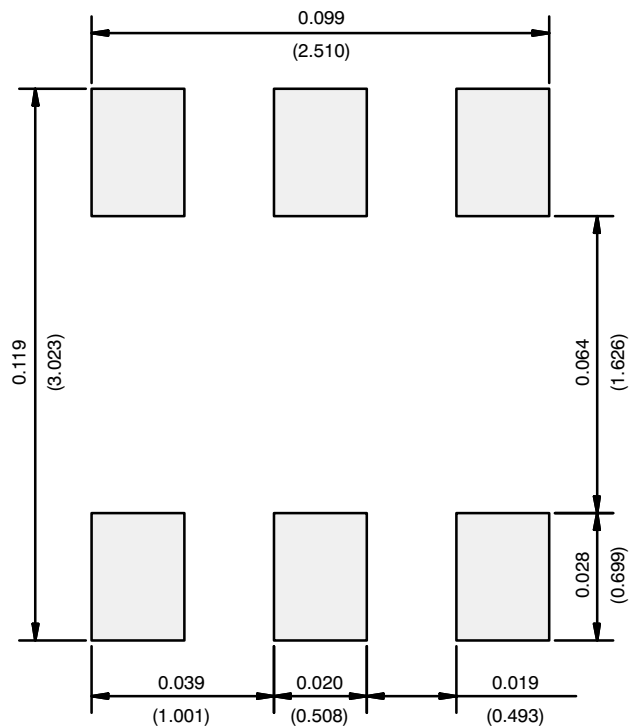
RECOMMENDED MINIMUM PADS FOR SOT-23



Recommended Minimum Pads
Dimensions in Inches/(mm)

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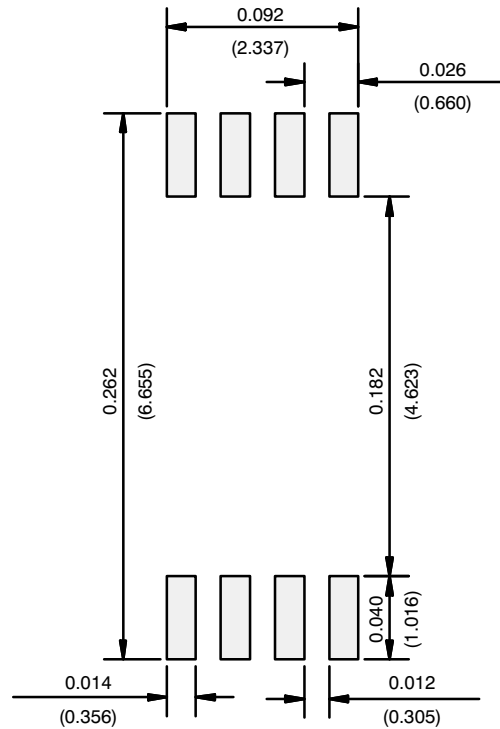
RECOMMENDED MINIMUM PADS FOR TSOP-6



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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