

**Standard Dimensions
of PMD Pads**

© Norlinvest Ltd, BVI. Visionics is a trade name of Norlinvest Ltd. All Rights Reserved.

No part of the Standard Dimension of PMD Pads document can be reproduced in any form or by any means without the prior written permission of Visionics. Standard Dimension of PMD Pads document is subjected to change without notice. Visionics will make changes in a manner that will not affect dependent systems.

Unauthorized duplication, in whole or part, of this document by any means, mechanical or electronic, including translation into another language, except for brief excerpts in published reviews, is prohibited without the express written permission of Visionics.

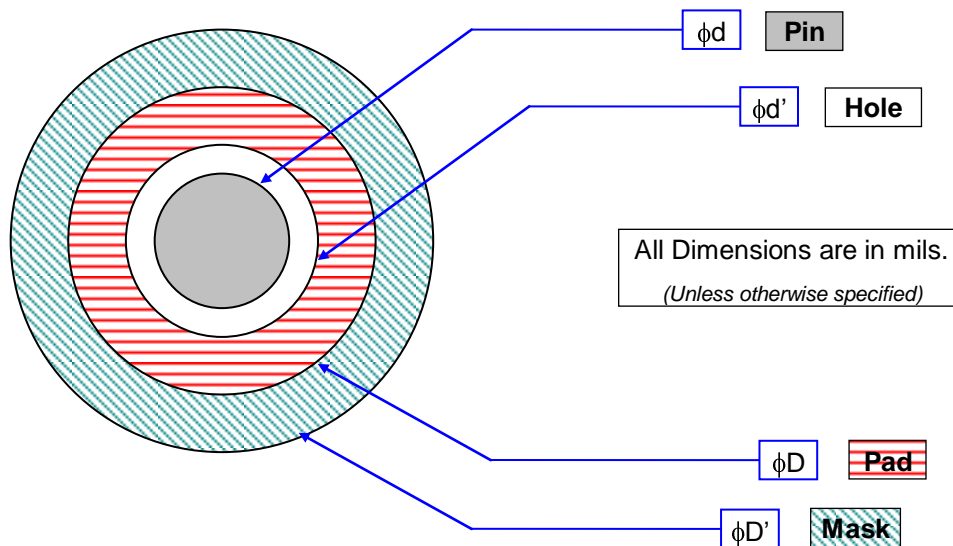
Visionics, EDWinXP, Docone, EDComX, SimWinXP and Mixed Mode Simulator and their respective logos are trademarks or registered trademarks of Visionics. Unauthorized duplication of this work may also be prohibited by local statute.

Disclaimer: Information in this publication is subject to change without notice and does not represent a commitment on the part of Visionics. The information contained herein is the proprietary and confidential information of Visionics or its licensors, and is supplied subject to, and may be used only by Visionics's customer in accordance with, a written agreement between Visionics and its customer. Except as may be explicitly set forth in such agreement, Visionics does not make, and expressly disclaims, any representations or warranties as to the completeness, accuracy or usefulness of the information contained in this document. Visionics does not warrant that use of such information will not infringe any third party rights, nor does Visionics assume any liability for damages or costs of any kind that may result from use of such information.

Standard for Preparing Layout Symbols in EDWinXP Layout Symbol Libraries

PMD Pad

Given below is the PMD component Pad sizes, whose spacing between pins are 100mil.



The only available data is pin diameter i.e. ϕd

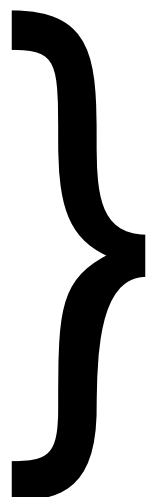
Pin diameter = ϕd

The remaining values are calculated using the formulae shown below:

Hole diameter = $\phi d'$
 = $\phi d + 0.1\text{mm}$
 = $\phi d + 4\text{mil}$

Pad diameter = ϕD
 = $\phi d' + 20\text{mil}$
 = $\phi d + 24\text{mil}$

Mask diameter = $\phi D'$
 = $\phi D + 10\text{mil}$
 = $\phi d' + 30\text{mil}$
 = $\phi d + 34\text{mil}$



Tolerance = $\pm 10\%$