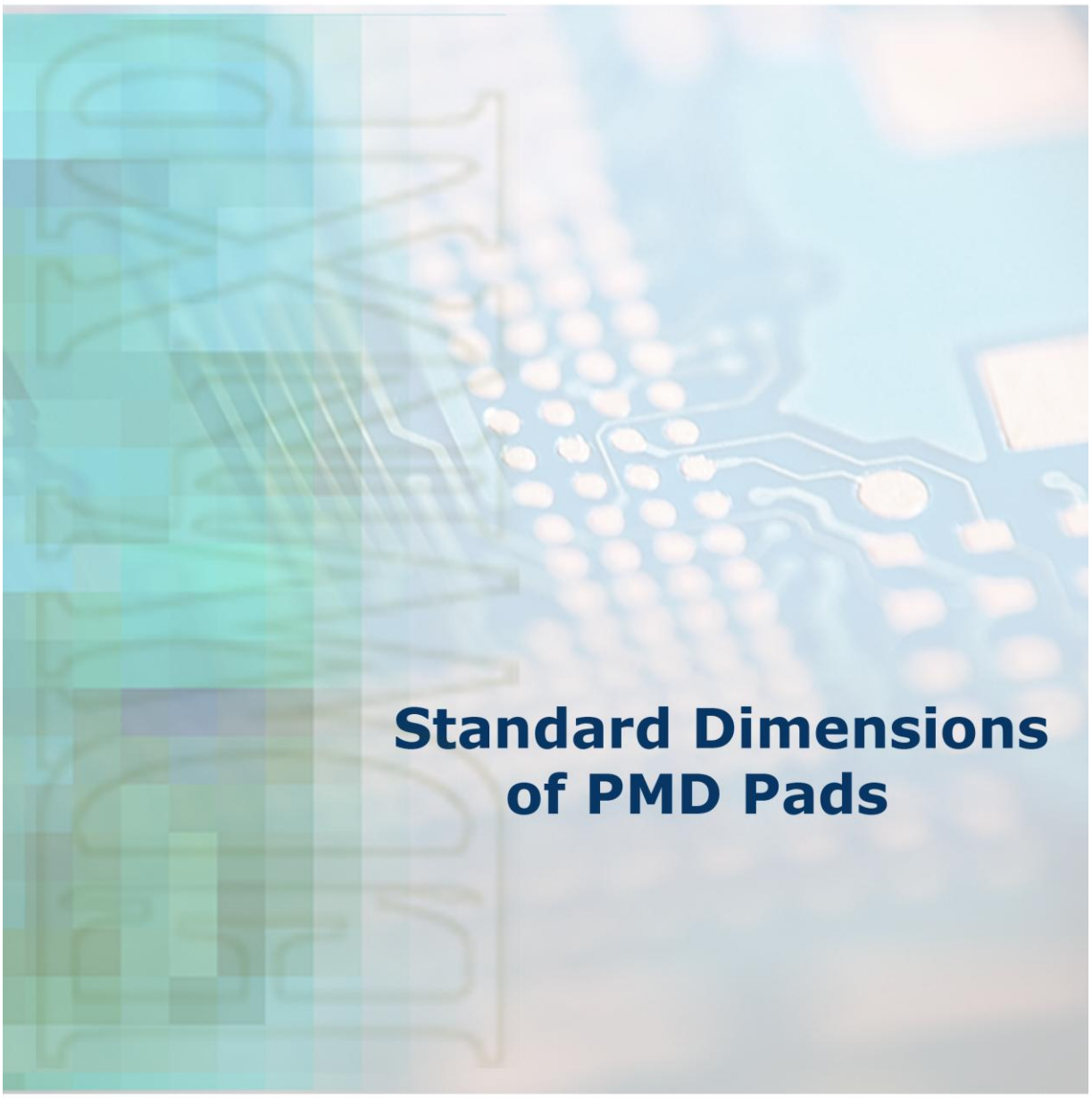
ELECTRONIC DESIGN for WINDOWS EDWinXP

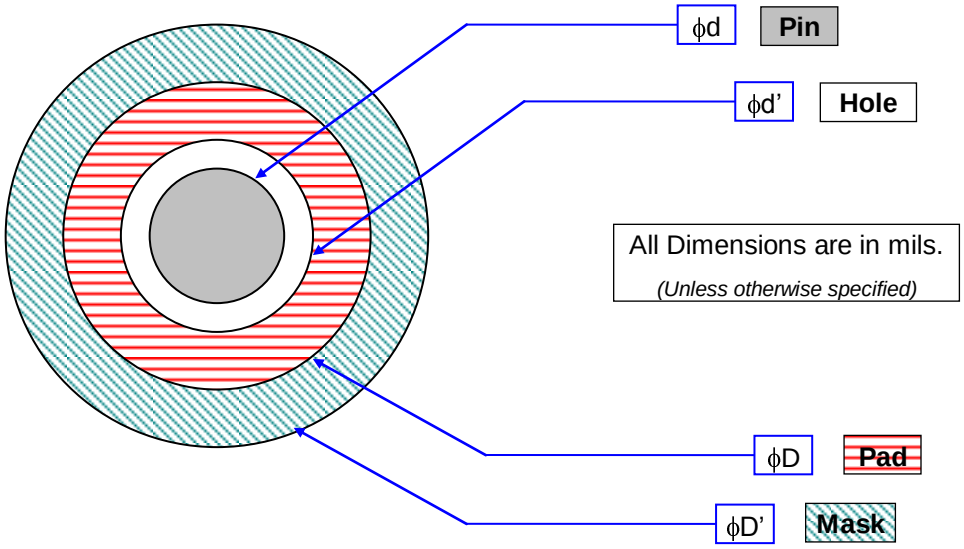


VISIONICS

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 = ϕd'
= ϕd + 0.1mm
= ϕd + 4mil

Pad diameter = ϕD
= ϕd' + 20mil
= ϕd + 24mil

Mask diameter= ϕD'
= ϕD + 10mil
= ϕd' + 30mil
= ϕd + 34mil

Tolerance = ± 10%