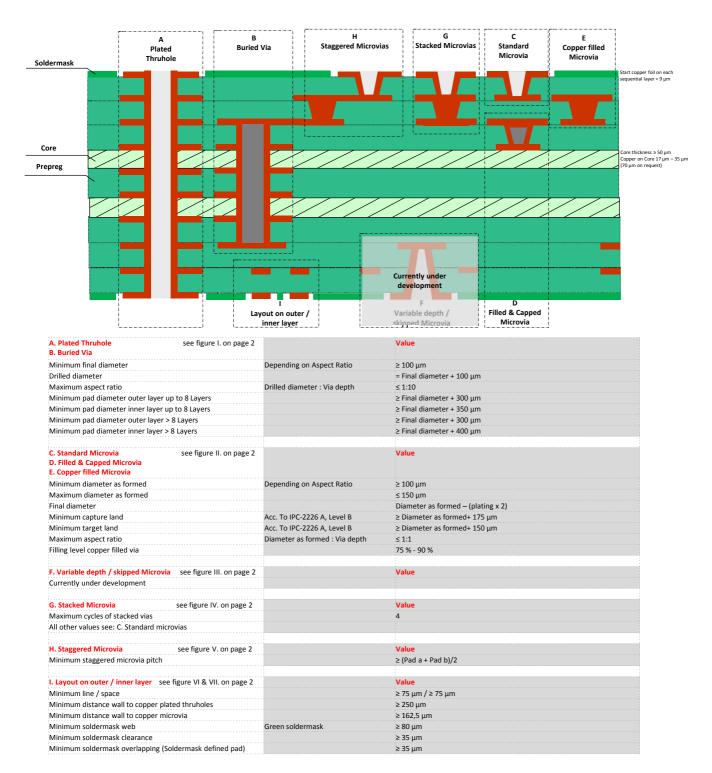


Design rules HDI-PCB

These rules apply in addition to the general design rules for multilayer PCB's



Your requirements violate our design rules? Please contact us. We will try to find an alternative solution with you.



Design rules HDI-PCB

Illustrated explanations of the terms

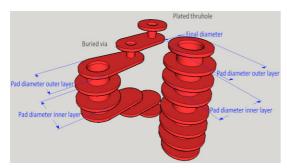


Figure I. Plated Thruhole & Buried Via

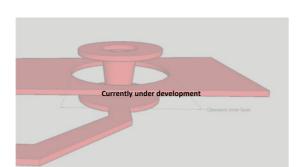


Figure III. Variable depth / Skipped Microvia

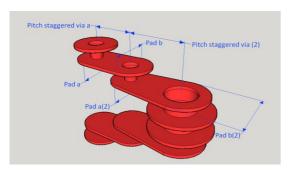


Figure V. Staggered Microvia

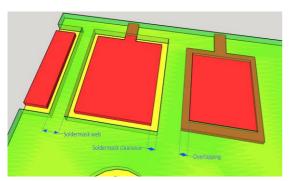


Figure VII. Soldermask layout on outer / inner layer

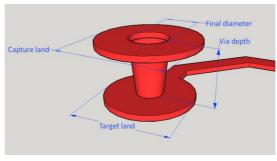


Figure II. Standard Microvia, Filled & Capped Microvia, Copperfilled Microvia

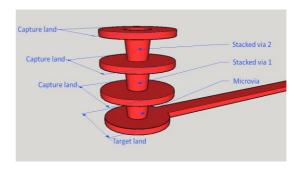


Figure IV. Stacked Microvia

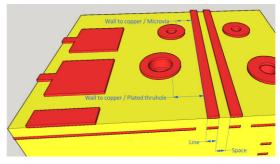


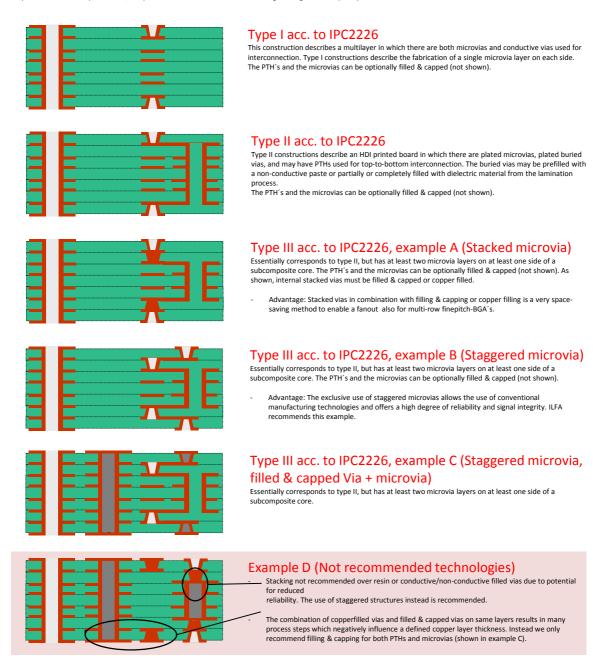
Figure VI. Copper layout on outer / inner layer

FEINSTLEITER TECHNOLOGIE

Design rules HDI-PCB

Decision Support HDI Strategy

The following six examples (based on the IPC 2226) are intended to facilitate a selection of the contacting strategy of HDI multilayers on the basis of their properties and complexity. The examples do not cover all possibilities, but provide a basic overview for determining the degree of complexity.



Version 1.00 Kalkmann, 07.02.2019