

customer	
pcb name	
WE article number	
engineer	
date	



Multilayer 6 Layers

PCB Thickness : 1,01 mm +/- 10%

Rigid area Structure	Rigid area Thickness	Material description	Via types	Layer usage	Impedance	
					Er	Z[Ohm] Line / Space
Soldermask	15				3,5	
L1	45	* Incl. Plating	Top-Layer			
	140	FR4 TG 135			3,5	
L2	18					
	200	FR4 TG 135			4,1	
L3	18					
	140	FR4 TG 135			3,5	
L4	18					
	200	FR4 TG 135			4,1	
L5	18					
	140	FR4 TG 135			3,5	
L6	45	* Incl. Plating	Bottom-Layer			
Soldermask	15				3,5	

Notes:  
 50 % copper occupancy IL  
 final copper thickness according to IPC 6012  
 Dielectric material according IPC-4101 E / 24  
 For Microvia technology please use our HDI stackups  
 Revision: Created: W. Brylka / Scrutinised: A. Schilpp / Approved: A.Schilpp  
 Template Revision: 06/2018 by Andreas Schilpp

Via types - Standard and options

Standard Via	Plugged Via (Type III-a)	Filled & Capped Via (IPC Type VII)