

#	Layer	Thickness	Description	Dk	Df	Note
	Top Solder	0.015mm	Soldermask IPC-SM840	3,5	0,028	used on rigid parts
1	Top Side	0.035mm	Starting foil 1/2oz. after plating and processing			
		0.220mm	Prepreg IPC-4101/127/128	4,3	0,011	FR-4.1 filled, halogen free
2	Inner Layer 1	0.017mm	ED Base Copper			
		0.150mm	Core IPC-4101/127/128	4,3	0,011	FR-4.1 filled, halogen free
3	Inner Layer 2	0.017mm	ED Base Copper			
		0.220mm	Prepreg IPC-4101/127/128	4,3	0,011	FR-4.1 filled, halogen free
4	Inner Layer 3	0.017mm	ED Base Copper			
		0.150mm	Core IPC-4101/127/128	4,3	0,011	FR-4.1 filled, halogen free
5	Inner Layer 4	0.017mm	ED Base Copper			
		0.220mm	Prepreg IPC-4101/127/128	4,3	0,011	FR-4.1 filled, halogen free
6	Inner Layer 5	0.017mm	ED Base Copper			
		0.150mm	Core IPC-4101/127/128	4,3	0,011	FR-4.1 filled, halogen free
7	Inner Layer 6	0.017mm	ED Base Copper			
		0.220mm	Prepreg IPC-4101/127/128	4,3	0,011	FR-4.1 filled, halogen free
8	Inner Layer 7	0.017mm	ED Base Copper			
		0.150mm	Core IPC-4101/127/128	4,3	0,011	FR-4.1 filled, halogen free
9	Inner Layer 8	0.017mm	ED Base Copper			
		0.220mm	Prepreg IPC-4101/127/128	4,3	0,011	FR-4.1 filled, halogen free
10	Bottom Side	0.035mm	Starting foil 1/2oz. after plating and processing			
	Bottom Solder	0.015mm	Soldermask IPC-SM840	3,5	0,028	used on rigid parts

Würth Elektronik GmbH & Co. KG  
Circuit Board Technology

**Total thickness: 1.936mm**

notes:  
Final copper thickness according to IPC-6012  
Please regard to our sectional design rules:  
► [www.we-online.com](http://www.we-online.com)

**BASIC10\_ML10\_1,94\_17\_V2.12**

PCB Thickness Tolerance: ± 10%			
customer		created	
pcb name		approved	
engineer		format	A4, landscape
date			

Template Revision: 02/2021 by Andreas Schilpp / Michael Kress / Werner Öchslen

