

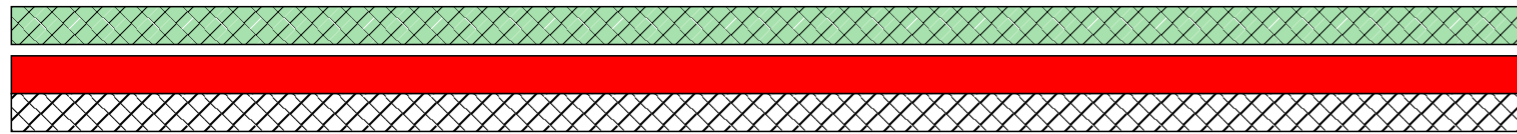
# Rigid

#	Layer	Thickness	Description	Dk	Df	Note
	Top Solder	0.015mm	Soldermask IPC-SM840	3,5	0,028	used on rigid parts
1	Top Side	0.030mm	Starting foil 1/4oz. after plating and processing			
		0.050mm	Flexible core IPC-4204/11	3,4	0,002	Flex Polyimide adhesiveless
		0.050mm	Prepreg IPC-4101/127/128	4,1	0,011	LowFlow FR-4.1 filled, halogen free
		1.200mm	Core IPC-4101/127/128	5,1	0,011	FR-4.1 filled, halogen free
		0.045mm	Prepreg IPC-4101/127/128	3,6	0,011	FR-4.1 filled, halogen free
2	Bottom Side	0.030mm	Starting foil 1/4oz. after plating and processing			
	Bottom Solder	0.015mm	Soldermask IPC-SM840	3,5	0,028	used on rigid parts
<b>Total thickness: 1.435mm</b>						

notes:	<b>FLEX2_1F-1Ri_1,44_17_V2.12</b>		
Final copper thickness according to IPC-6013	PCB Thickness Tolerance: rigid $\pm 10\%$ / flex $\pm 0,05\text{mm}$		
IPC 2223 use A "Flex to install"	customer	created	
	pcb name	approved	
Please regard to our sectional design rules: ▶ <a href="http://www.we-online.com">www.we-online.com</a>	engineer	format	A4, landscape
	date		
Template Revision: 02/2021 by Andreas Schilpp / Michael Kress / Werner Öchslen			



# Flex



# Layer	Thickness	Description	Dk	Df	Note
1	0.040mm	Flex Top Flexible Soldermask	4,3	0,05	Soldermask JIS-C-5012/IPC-SM840 flexibel, thermal cured
1	0.030mm	Top Side			Starting foil 1/4oz. after plating and processing
	0.050mm		3,4	0,002	Flexible core IPC-4204/11 Flex Polyimide adhesiveless

**Total thickness: 0.120mm**

notes:	<b>FLEX2_1F-1Ri_1,44_17_V2.12</b>		
Final copper thickness according to IPC-6013	PCB Thickness Tolerance: rigid $\pm 10\%$ / flex $\pm 0,05\text{mm}$		
IPC 2223 use A "Flex to install"	customer	created	
	pcb name	approved	
Please regard to our sectional design rules: ▶ <a href="http://www.we-online.com">www.we-online.com</a>	engineer	format	A4, landscape
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