

# Rigid



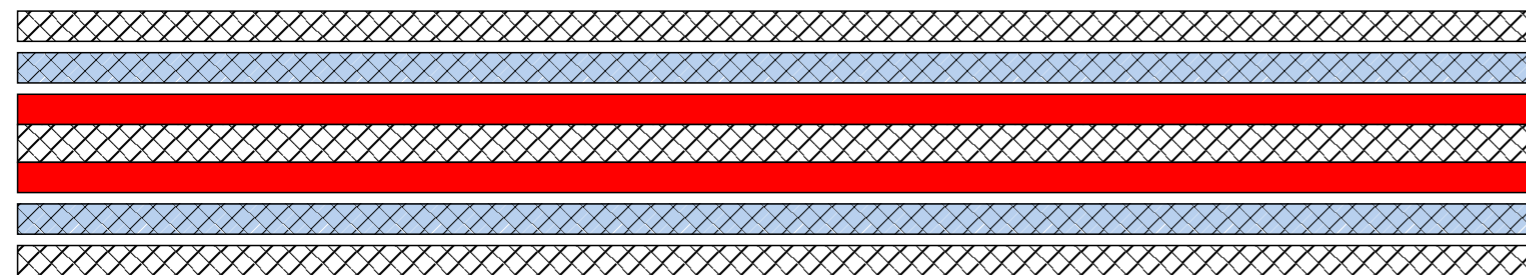
#	Layer	Thickness	Description	Dk	Df	Note
	Top Solder	0.020mm	Soldermask JIS-C-5012/IPC-SM840	4,3	0,05	flexibel, photosensitive
1	Top Side	0.030mm	Starting foil 1/4oz. after plating and processing			
		0.005mm	Flexible core IPC-4204/11	3,4	0,003	Flex Polyimide adhesiveless
		0.015mm	Bonding film IPC-4204/2 (part of)	3	0,019	Flexible Adhesive (Epoxy)
2	Inner Layer 1	0.018mm	Plated HDI inner layer after plating and processing			
		0.050mm	Flexible core IPC-4204/11	3,4	0,002	Flex Polyimide adhesiveless
3	Inner Layer 2	0.018mm	Plated HDI inner layer after plating and processing			
		0.015mm	Bonding film IPC-4204/2 (part of)	3	0,019	Flexible Adhesive (Epoxy)
		0.005mm	Flexible core IPC-4204/11	3,4	0,003	Flex Polyimide adhesiveless
4	Bottom Side	0.030mm	Starting foil 1/4oz. after plating and processing			
	Bottom Solder	0.020mm	Soldermask JIS-C-5012/IPC-SM840	4,3	0,05	flexibel, photosensitive

**Total thickness: 0.226mm**

notes:	<b>FLEX4_4F_0,23_12_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		
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# Flex



#	Layer	Thickness	Description	Dk	Df	Note
		0.005mm	Flexible core IPC-4204/11	3,4	0,003	Flex Polyimide adhesiveless
		0.015mm	Bonding film IPC-4204/2 (part of)	3	0,019	Flexible Adhesive (Epoxy)
2	Inner Layer 1	0.018mm	Plated HDI inner layer after plating and processing			
		0.050mm	Flexible core IPC-4204/11	3,4	0,002	Flex Polyimide adhesiveless
3	Inner Layer 2	0.018mm	Plated HDI inner layer after plating and processing			
		0.015mm	Bonding film IPC-4204/2 (part of)	3	0,019	Flexible Adhesive (Epoxy)
		0.005mm	Flexible core IPC-4204/11	3,4	0,003	Flex Polyimide adhesiveless

**Total thickness: 0.126mm**

notes:	<b>FLEX4_4F_0,23_12_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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