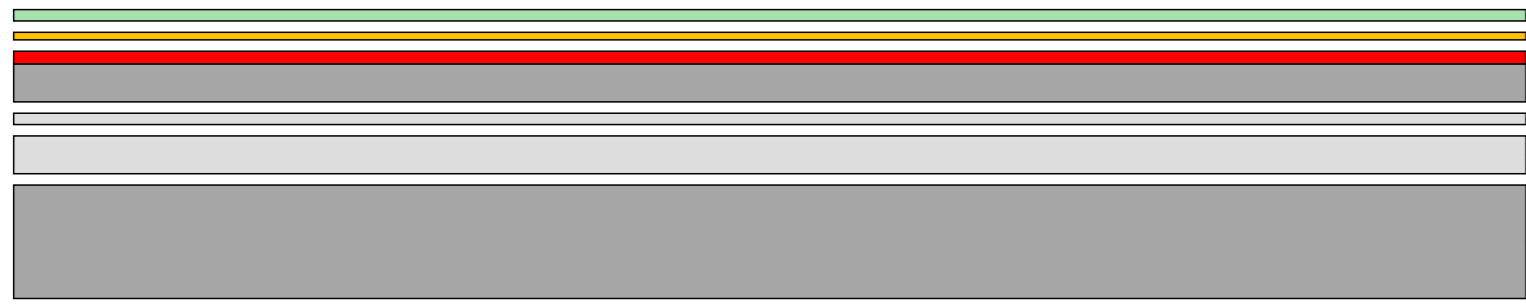



Rigid

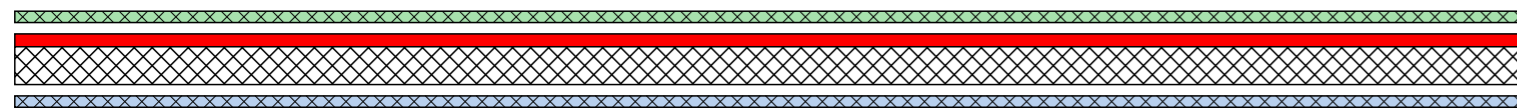


#	Layer	Thickness	Description	Note
	flexible Soldermask Top	0.015mm	Soldermask JIS-C-5012/IPC-SM840	flexibel, photosensitive
	Top Surface Finish	0.006mm		
1	Top Side	0.017mm	ED Base Copper	
		0.050mm	Flexible core IPC-4204/11	Flex Polyimide adhesiveless
		0.015mm	Soldermask JIS-C-5012/IPC-SM840	flexibel, photosensitive
		0.050mm	3M Adhesive foil	Transfer Adhesive (Acrylic)
		0.150mm	Core IPC-4101/127/128	FR-4.1 filled, halogen free

Total thickness: 0.303mm


notes:		FLEX1_1F-Ri_030_17_2V13		 WÜRTH ELEKTRONIK MORE THAN YOU EXPECT
Final copper thicknesses according to IPC-6013	Please follow our sectional design rules: ▶ www.we-online.com/designrigidflex	PCB Thickness Tolerance: rigid ± 10% / flex ± 0,05mm		
IPC-2223 use A "Flex to install"	For impedance matching stackups: Please consult our specialists: FLEX@we-online.com	customer	created	
Standard: Surface Finish ENIG (Ni 5.5 µm ± 1.5 µm, Au 0.075 µm ± 0.025 µm)		pcb name	approved	
		engineer	format A4, landscape	
		date		
Template Revision: 10/2023 by Andreas Schilpp / Michael Kress / Werner Öchslen				

Flex



# Layer	Thickness	Description	Note
flexible Soldermask Top	0.015mm	Soldermask JIS-C-5012/IPC-SM840	flexibel, photosensitive
1 Top Side	0.017mm	ED Base Copper	
	0.050mm	Flexible core IPC-4204/11	Flex Polyimide adhesiveless
	0.015mm	Soldermask JIS-C-5012/IPC-SM840	flexibel, photosensitive

Total thickness: 0.097mm

notes:		FLEX1_1F-Ri_030_17_2V13		 WÜRTH ELEKTRONIK MORE THAN YOU EXPECT
Final copper thicknesses according to IPC-6013	Please follow our sectional design rules: ▶ www.we-online.com/designrigidflex	PCB Thickness Tolerance: rigid ± 10% / flex ± 0,05mm		
IPC-2223 use A "Flex to install"	For impedance matching stackups: Please consult our specialists: FLEX@we-online.com	customer	created	
Standard: Surface Finish ENIG (Ni 5.5 µm ± 1.5 µm, Au 0.075 µm ± 0.025 µm)		pcb name	approved	
		engineer	format A4, landscape	
		date		
Template Revision: 10/2023 by Andreas Schilpp / Michael Kress / Werner Öchslen				