


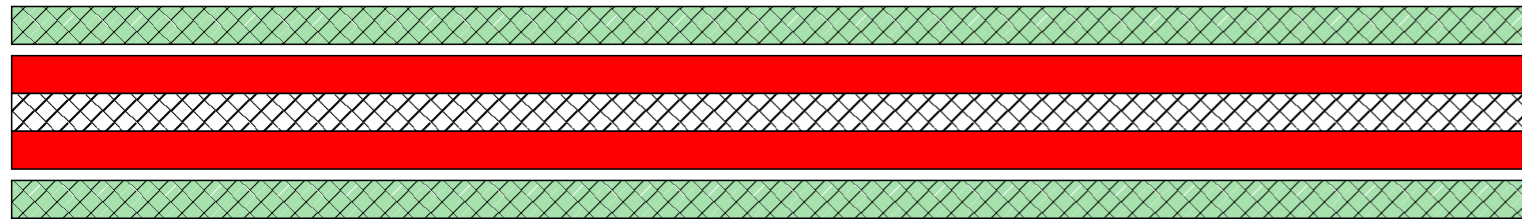
Rigid

| # 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 |
| 2 Inner Layer 1 | 0.017mm | ED Base Copper | | | |
| | 0.100mm | Prepreg IPC-4101/127/128 | 4,4 | 0,011 | LowFlow FR-4.1 filled, halogen free |
| | 0.250mm | Core IPC-4101/127/128 | 4,3 | 0,011 | FR-4.1 filled, halogen free |
| 3 Inner Layer 2 | 0.017mm | ED Base Copper | | | |
| | 0.125mm | Prepreg IPC-4101/127/128 | 3,7 | 0,011 | FR-4.1 filled, halogen free |
| 4 Inner Layer 3 | 0.017mm | ED Base Copper | | | |
| | 0.250mm | Core IPC-4101/127/128 | 4,3 | 0,011 | FR-4.1 filled, halogen free |
| 5 Inner Layer 4 | 0.017mm | ED Base Copper | | | |
| | 0.065mm | Prepreg IPC-4101/127/128 | 3,5 | 0,011 | FR-4.1 filled, halogen free |
| 6 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 |

Total thickness: 0.998mm

| | | | | |
|--|--|--|----------------------|---|
| notes: | FLEX6_2F-4Ri_1,00_17_V2.12 | | |  |
| Final copper thickness according to IPC-6013 | PCB Thickness Tolerance: rigid ± 10% / flex ± 0,05mm | | | |
| IPC 2223 use A "Flex to install" | customer | | created | |
| | pcb name | | approved | |
| Please regard to our sectional design rules: ▶ www.we-online.com | engineer | | format A4, landscape | |
| | date | | | |
| Template Revision: 02/2021 by Andreas Schilpp / Michael Kress / Werner Öchslen | | | | |

Flex



| # | Layer | Thickness | Description | Dk | Df | Note |
|---|-------------------------|-----------|---|-----|-------|----------------------------------|
| | flexible Soldermask Top | 0.040mm | Soldermask JIS-C-5012/IPC-SM840 | 4,3 | 0,05 | flexibel, thermal cured |
| 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 |
| 2 | Inner Layer 1 | 0.017mm | ED Base Copper | | | |
| | Coverlay Bottom | 0.040mm | PI Coverlay IPC-4203/2 | 3,6 | 0,02 | Polyimide + bonding film (Epoxy) |

Total thickness: 0.177mm

| | | | |
|--|--|--|----------------------|
| notes: | FLEX6_2F-4Ri_1,00_17_V2.12 | | |
| 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: ▶ www.we-online.com | engineer | | format A4, landscape |
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