

| # | Layer | Thickness | Description | Note |
|---|-----------------------|-----------|---|---------------------|
| | Top Solder | 0.015mm | Soldermask IPC-SM840 | used on rigid parts |
| | Top Surface Finish | 0.006mm | | |
| 1 | Top Side | 0.035mm | Starting foil 1/2oz. after plating and processing | |
| | | 0.125mm | Prepreg IPC-4101/21 | FR-4.0 |
| 2 | Inner Layer 1 | 0.035mm | ED Base Copper | |
| | | 0.200mm | Core IPC-4101/21 | FR-4.0 |
| 3 | Inner Layer 2 | 0.035mm | ED Base Copper | |
| | | 0.125mm | Prepreg IPC-4101/21 | FR-4.0 |
| 4 | Inner Layer 3 | 0.035mm | ED Base Copper | |
| | | 0.200mm | Core IPC-4101/21 | FR-4.0 |
| 5 | Inner Layer 4 | 0.035mm | ED Base Copper | |
| | | 0.125mm | Prepreg IPC-4101/21 | FR-4.0 |
| 6 | Bottom Side | 0.035mm | Starting foil 1/2oz. after plating and processing | |
| | Bottom Surface Finish | 0.006mm | | |
| | Bottom Solder | 0.015mm | Soldermask IPC-SM840 | used on rigid parts |

Total thickness: 1.026mm

notes:

Final copper thicknesses according to IPC-6012

Standard: Surface Finish ENIG
(Ni 5.5 µm ± 1.5 µm, Au 0.075 µm ± 0.025 µm)

Please follow our sectional design rules:
► www.we-online.com/designrulesbasic_en

For impedance matching stackups: Please consult our specialists: BASIC@we-online.com

BASIC6_ML6_102_35_2V13

PCB Thickness Tolerance: ± 10%

| customer | created |
|----------|---------------|
| pcb name | approved |
| engineer | format |
| date | A4, landscape |

Template Revision: 10/2023 by Andreas Schilpp / Michael Kress / Werner Öchslen



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