

| #  | Layer         | Thickness | Description              | Dk  | Df    |
|----|---------------|-----------|--------------------------|-----|-------|
|    | Top Solder    | 0.015mm   | Soldermask IPC-SM840     | 3,5 | 0,028 |
| 1  | Top Side      | 0.045mm   | ED Copper + plating      |     |       |
|    |               | 0.220mm   | Prepreg IPC-4101/127/128 | 4,3 | 0,011 |
| 2  | Inner Layer 1 | 0.035mm   | ED Base Copper           |     |       |
|    |               | 0.200mm   | Core IPC-4101/127/128    | 4,4 | 0,011 |
| 3  | Inner Layer 2 | 0.035mm   | ED Base Copper           |     |       |
|    |               | 0.220mm   | Prepreg IPC-4101/127/128 | 4,3 | 0,011 |
| 4  | Inner Layer 3 | 0.035mm   | ED Base Copper           |     |       |
|    |               | 0.200mm   | Core IPC-4101/127/128    | 4,4 | 0,011 |
| 5  | Inner Layer 4 | 0.035mm   | ED Base Copper           |     |       |
|    |               | 0.220mm   | Prepreg IPC-4101/127/128 | 4,3 | 0,011 |
| 6  | Inner Layer 5 | 0.035mm   | ED Base Copper           |     |       |
|    |               | 0.200mm   | Core IPC-4101/127/128    | 4,4 | 0,011 |
| 7  | Inner Layer 6 | 0.035mm   | ED Base Copper           |     |       |
|    |               | 0.220mm   | Prepreg IPC-4101/127/128 | 4,3 | 0,011 |
| 8  | Inner Layer 7 | 0.035mm   | ED Base Copper           |     |       |
|    |               | 0.200mm   | Core IPC-4101/127/128    | 4,4 | 0,011 |
| 9  | Inner Layer 8 | 0.035mm   | ED Base Copper           |     |       |
|    |               | 0.220mm   | Prepreg IPC-4101/127/128 | 4,3 | 0,011 |
| 10 | Bottom Side   | 0.045mm   | ED Copper + plating      |     |       |
|    | Bottom Solder | 0.015mm   | Soldermask IPC-SM840     | 3,5 | 0,028 |

**Total thickness: 2.300mm**

|   |                                |  |          |
|---|--------------------------------|--|----------|
| <b>notes:</b><br><br><b>Final copper thickness according to IPC-6012</b><br><br><b>Please regard to our sectional design rules:</b><br>► <a href="http://www.we-online.com">www.we-online.com</a> | <b>BASIC10_ML10_2,30_35</b>    |  |          |
|   | PCB Thickness Tolerance: ± 10% |  |          |
|   | customer                       |  | created  |
|   | pcb name                       |  | approved |
|   | engineer                       |  | format   |
|   | date                           |  |          |
| Template Revision: 07/2020 by Andreas Schilpp / Michael Kress / Werner Öchslen  |                                |  |          |

