|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PCB Stack Up | | | | | |  | Impedance | | | |
|  |
| Layer | Type |  | Thickness (mil) | | | DK/DF | Single end | | | |
| Top side solder mask | | | | 0.70 | mils | 4.1/0.022 | LINE(mil) | Reference | ohm | TheoryValue |
| L1 | TOP | Signal | copper+plating | 1.6 | mils |  | 4.00→4.50 | L2 | 50 | 50.92 |
|  |  | TU-863P | 1080 63% | 2.72 | mils | 3.4/ |  |  |  |  |
| L2 |  | Signal | copper | 1.4 | mils |  |  |  |  |  |
|  |  | TU-863 substrate | core | 4 | mils | 3.7/ |  |  |  |  |
| L3 |  | Signal | copper | 0.7 | mils |  | 4.00→4.50 | L2/L4 | 50 | 49.71 |
|  |  | TU-863P TU-863P | 1080 63% 1080 63% | 5.58 | mils | 3.40/0.0000 |  |  |  |  |
| L4 |  | Signal | copper | 1.4 | mils |  |  |  |  |  |
|  |  | TU-863 substrate | core | 4 | mils | 3.7/ |  |  |  |  |
| L5 |  | Signal | copper | 1.4 | mils |  |  |  |  |  |
|  |  | TU-863P TU-863P | 1080 63% 1080 63% | 5.58 | mils | 3.40/0.0000 |  |  |  |  |
| L6 |  | Signal | copper | 0.7 | mils |  | 4.00→4.50 | L5/L7 | 50 | 49.71 |
|  |  | TU-863 substrate | core | 4 | mils | 3.7/ |  |  |  |  |
| L7 |  | Signal | copper | 1.4 | mils |  |  |  |  |  |
|  |  | TU-863P | 1080 63% | 2.72 | mils | 3.4/0 |  |  |  |  |
| L8 | Bottom | Signal | copper+plating | 1.6 | mils |  | 4.00→4.50 | L7 | 50 | 50.92 |
| Bottom side solder mask | | | | 0.70 | mils | 4.1/0.022 |  |  |  |  |
| TOTAL | | | | 40.20 | mils |  |  |  |  |  |
| 1.02 | mm |  |  |  |  |  |