

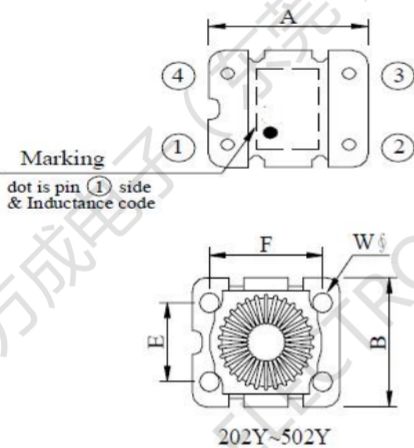
SMD Common Mode Line Filter

FC-SLF1065 –Series

- Small size
- High Impedance up to 13000 Ω
- High current up to 2500mA
- Ambient temperature -40°C to $+85^{\circ}\text{C}$
- Storage temperature Component: -40°C to $+125^{\circ}\text{C}$

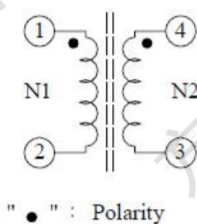


1. Dimensions:mm

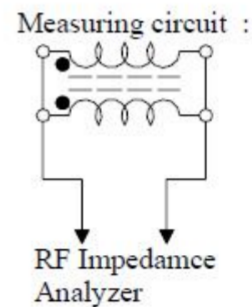


| | | |
|----------|-------------------|-----|
| A | : 10.00 \pm 0.3 | m/m |
| B | : 8.70 \pm 0.3 | m/m |
| C | : 6.50 max. | m/m |
| E | : 6.22 \pm 0.1 | m/m |
| F | : 7.62 \pm 0.1 | m/m |
| G | : 0.30 min. | m/m |
| W ϕ | : 1.50 ref. | m/m |

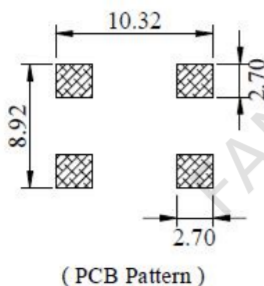
2.Schematic:



3. Test Setup:



4.LAYOUT RECOMMENDATION



FC-SLF1065 –Series SMD Common Mode Line Filter

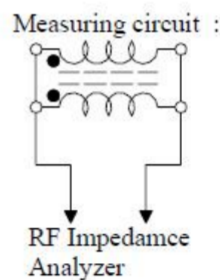
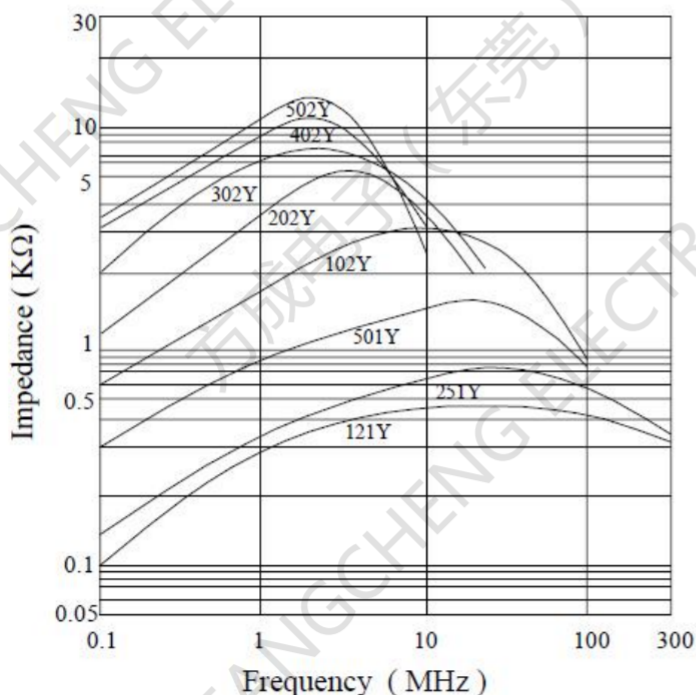
5. ELECTRIC CHARACTERICS

| Part Number | Turns Ration | Current Rating (mA) | Inductance (uH) | RDC (Ω) | Z / Max (Ω) | WE Number |
|---------------|--------------|---------------------|-----------------|---------|-------------|-----------|
| | | | | | | WE-SLM |
| FC-SLF1065121 | 1:1 | 2500 | 2*120 | 0.025 | 460 | 744272121 |
| FC-SLF1065221 | 1:1 | 2200 | 2*220 | 0.032 | 780 | 744272221 |
| FC-SLF1065251 | 1:1 | 2000 | 2*250 | 0.035 | 970 | 744272251 |
| FC-SLF1065471 | 1:1 | 1600 | 2*470 | 0.065 | 1750 | 744272471 |
| FC-SLF1065102 | 1:1 | 950 | 2*1000 | 0.180 | 3600 | 744272102 |
| FC-SLF1065202 | 1:1 | 750 | 2*2200 | 0.300 | 7500 | 744272222 |
| FC-SLF1065302 | 1:1 | 650 | 2*3300 | 0.360 | 8900 | 744272332 |
| FC-SLF1065402 | 1:1 | 520 | 2*3900 | 0.540 | 9600 | 744272392 |
| FC-SLF1065502 | 1:1 | 350 | 2*4700 | 0.720 | 13000 | 744272472 |

Electrical Specifications @ 25°C — Operating Temperature -40°C to +125°C .

Test equipment: Inductance(HP-4274A 100KHZ/0.1V)

6.IMPEDANCE VS . FREQUENCY :



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[PH9408.494NLT](#) [PAC6006.104NLT](#) [CM6350R-683-REEL](#)