

Hongda HDRC2012 series Common Mode Choke Coils



The HDRC2012 series Common Mode Choke Coil package size is 2.0x1.2x1.2mm, and the common mode impedance is 30-1000Ω. The main material of this product is a ferrite skeleton, and the enameled copper wire wound in parallel is a closed magnetic circuit chip structure, which has a good suppression effect on common mode noise, especially suitable for high-speed signal lines and high-current audio equipment.

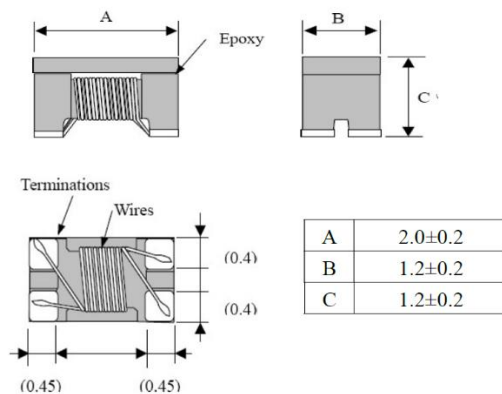
Features:

- Parallel winding structure, high impedance and high current design;
- Good suppression of high current and high frequency common mode noise;

Application:

- Solve the problem of common mode noise in high-speed differential signal lines;
- Bluetooth, audio, printers, joysticks, SLR cameras, scanners, etc. consume power

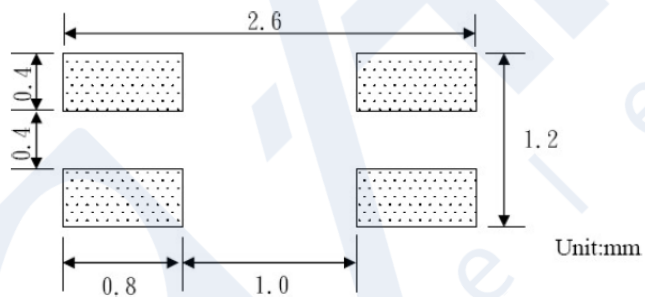
Dimension:



Electrical Characteristics:

| HONGDA Part NO. | Common mode impedance@100MHz | Max. DC Resistance | Max. Rate Current | Rate Voltage | Min. Insulation Resistance |
|--------------------|------------------------------|--------------------|-------------------|--------------|----------------------------|
| Units | Ω | Ω | mA | V | M Ω |
| HDRC2012M300T-2-LF | 30±25% | 0.20 | 450 | 50 | 10 |
| HDRC2012M670T-2-LF | 67±25% | 0.25 | 400 | 50 | 10 |
| HDRC2012M900T-2-LF | 90±25% | 0.30 | 370 | 50 | 10 |
| HDRC2012M121T-2-LF | 120±25% | 0.30 | 370 | 50 | 10 |
| HDRC2012M151T-2-LF | 150±25% | 0.30 | 370 | 50 | 10 |
| HDRC2012M181T-2-LF | 180±25% | 0.35 | 330 | 50 | 10 |
| HDRC2012M201T-2-LF | 200±25% | 0.35 | 330 | 50 | 10 |
| HDRC2012M261T-2-LF | 260±25% | 0.40 | 300 | 50 | 10 |
| HDRC2012M371T-2-LF | 370±25% | 0.45 | 280 | 50 | 10 |
| HDRC2012M501T-2-LF | 500±25% | 0.55 | 200 | 50 | 10 |
| HDRC2012M801T-2-LF | 801±25% | 0.70 | 180 | 50 | 10 |
| HDRC2012M102T-2-LF | 102±25% | 0.80 | 150 | 50 | 10 |
| HDRC2012L900T-2-LF | 90±25% | 0.19 | 400 | 50 | 10 |
| HDRC2012L121T-2-LF | 120±25% | 0.22 | 370 | 50 | 10 |

Recommended Soldering Footprint:



Available sizes: HDRC2012M HDRC1210 HDRC3216M HDRC3225M HDRC4520M
HDRC4532M HDRC7060M