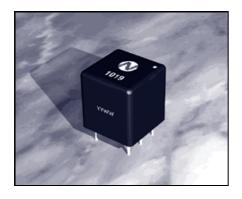


Power Solutions

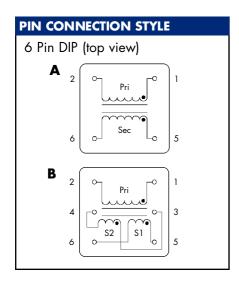


FEATURES

- UL 94V-0 Package Material
- Isolation to 2kVrms
- Inductance to 35mH
- Compact Footprint
- PCB Mounting

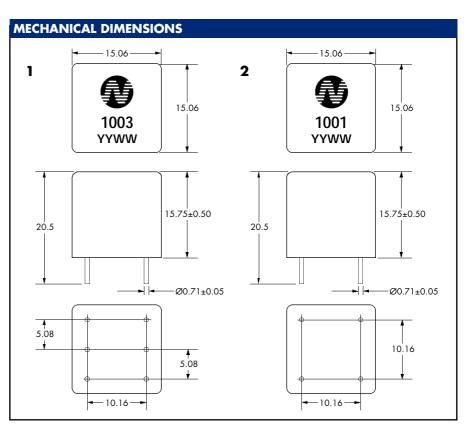
DESCRIPTION

The 1000 series are intended for wideband and pulse operations. They are also suitable for signal isolation and small isolated power supplies. The compact footprint makes them ideal for applications where space is at a premium.



| SELECTION GUIDE | | | | | | | | | | | |
|-----------------|-----------------|---|------------------------------|---|---|---|---|---|-------------------|----------------------|---------------|
| | Turns Ratio ±2% | Primary Inductance (MIN) 1kHz, 10mV | Primary ET Constant (MIN) | Leakage Inductance (MAX) 100kHz, 10mV | Interwinding Capacitance (MAX) 100kHz, 10mV | DC Resistance (MAX) Primary Winding | DC Resistance (MAX) Secondary 1 Winding | DC Resistance (MAX) Secondary 2 Winding | Isolation Voltage | Pin Connection Style | Package Style |
| Order Code | | mH | Vµs | μH | рF | | | | Vrms | | |
| 1001 | 1:1 | 3.0 | 200 | 22 | 23 | 1.2 | 1.0 | _ | 2000 | Α | 2 |
| 1002 | 1:1:1 | 3.0 | 200 | 9 | 28 | 1.4 | 1.3 | 1. <i>7</i> | 2000 | В | 1 |
| 1003 | 2:1:1 | 12 | 400 | 35 | 30 | 4.0 | 1.8 | 2.4 | 2000 | В | 1 |

| ABSOLUTE MAXIMUM RATINGS | | | | | | |
|---|----------------|--|--|--|--|--|
| Operating free air temperature range | 0°C to 70°C | | | | | |
| Storage temperature range | -60°C to 125°C | | | | | |
| Lead Temperature 1.5mm from case for 10 seconds | 300°C | | | | | |



All specifications typical at T_A=25°C.

C&D Technologies (NCL) Limited reserve the right to alter or improve the specification, internal design or manufacturing process at any time, without notice. Please check with your supplier or visit our web site to ensure that you have the current and complete specification for your product before use.

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