

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.

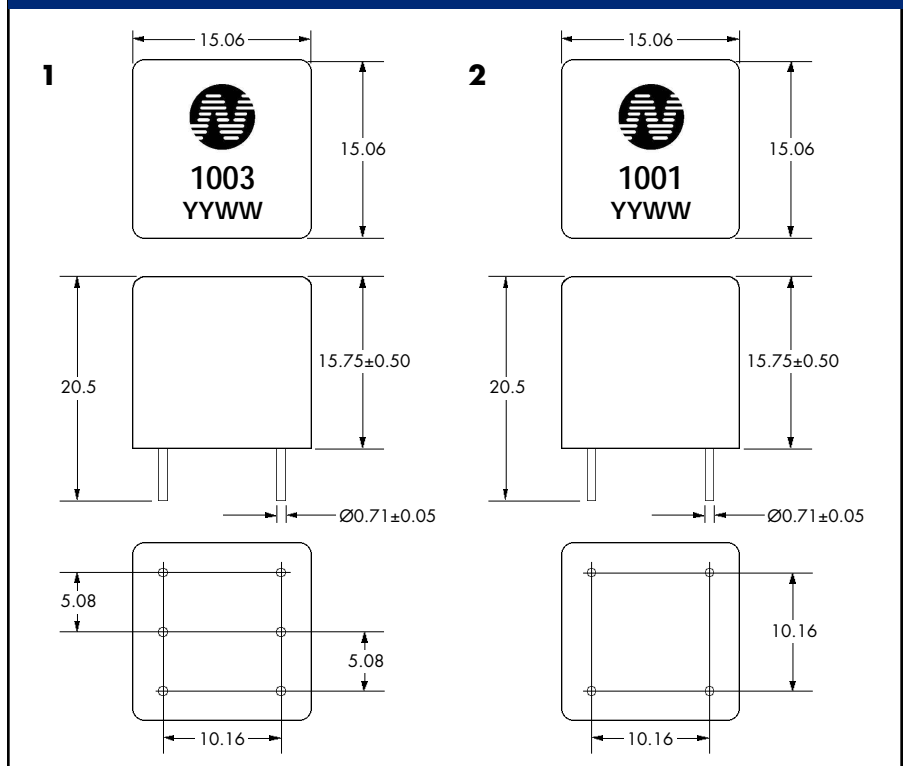
SELECTION GUIDE

Order Code	Turns Ratio $\pm 2\%$	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 Vrms	Pin Connection Style	Package Style
1001	1:1	3.0	200	22	23	1.2	1.0	-	2000	A	2
1002	1:1:1	3.0	200	9	28	1.4	1.3	1.7	2000	B	1
1003	2:1:1	12	400	35	30	4.0	1.8	2.4	2000	B	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

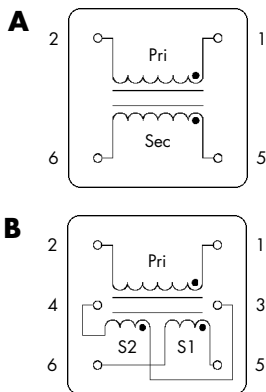
MECHANICAL DIMENSIONS



All specifications typical at $T_A=25^\circ\text{C}$.

PIN CONNECTION STYLE

6 Pin DIP (top view)



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