



Material specification: all materials are UL94V-0 rated, RoHS

Bobbin materials:

PETP, FR530, UL file number E41938
 PET-T102G30, UL file number E107536

Winding wire:

class F minimum grade 1 polyurethane ECW.

Tape:

3M No. 56 or equivalent.
 JingJiangYahua mylar UL file number E165111

Pins:

Phosphor bronze to DIN 17662, CDA 51900, BS PB103
 Solderability to BS 2011, DIN 40.046, IEC 68-2-20

Electrical specification at 25°C:

Turns ratio: 1:1 (+/- 5%)

DC resistance:

Primary (pins 1 - 5): 1.53 +/- 15%

Secondary (pins 10 - 6): 1.58 +/- 15%

Inductance: measured at 100Hz, 0.3V: 47mH min. per coil.

Interwinding capacitance measured @ 1kHz, 0.3V: 8.5pF nominal

Isolation PRI/SEC: 1.5kV rms for 1 min.

Operating temperature range: -5°C to +70°C

Storage temperature range: -40°C to + 85°C



VIGORTRONIX LTD
 16 De Havilland Way
 Windrush Park, Witney
 Oxon, OX29 0YG, UK
 Tel: +44 (0)1993 777570
 Fax: +44 (0)1993 777580
 www.vigortronix.com

DRAWING

Specification: VTX-110-0907

Issue	Date	Drawn	PCN No	Checked
1	27-2-08	GPH		BGH
2				
3				

DRAWING NUMBER

VTX-110-0907