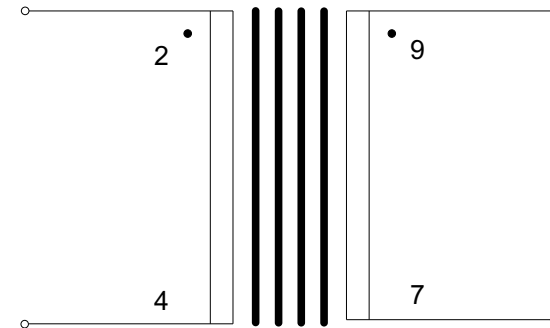


Pin view
Suggested PCB layout



Electrical schematic

Electrical specification:

Ratio: 2:1

DC resistance (+/-15%):

Primary: 1.03

Secondary: 0.63

Primary inductance (1 - 4): 10mH min. (@100kHz, 0.1V)

Primary leakage inductance: 18uH nom.

Interwinding capacitance: 25pF nom.

Isolation: winding to winding: 1.5kVrms for 2 seconds

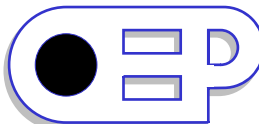
Creepage and clearance: 1.4mm min. (basic insulation)

Materials:

Bobbin: Nylon 46, 30% glass reinforced, e.g. Stanyl TE250 F6 UL file number E47960 class H or phenolformaldehyde glass-reinforced to UL94V-0, UL file number E41429(M) class H or equivalent.

Winding wire: grade 2 solderable class F minimum to IEC BS 60317-21e.g.Nexans Magnesol or equivalent.

Tape: Polyester film, e.g. 3M's No. 56 or No. 1350: thickness 0.06mm or Jingjiang Yahua type CT-280, UL file number E165111



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DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Specification for PT10SM	1	15/08/07	CS		PT10SM
	4	16/07/08	CS		
	5	07/06/10	CS		
	6	23/02/15	CS		

Scale: 2 to 1

All dimensions in mm unless stated otherwise