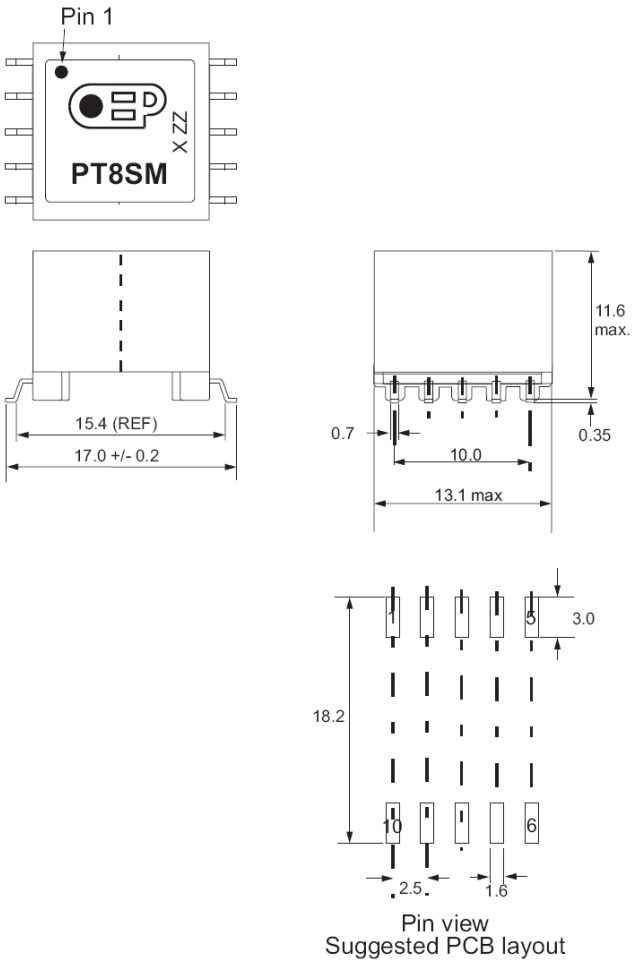
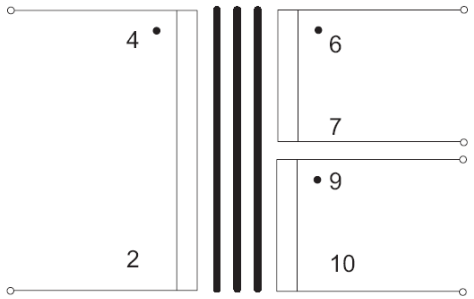


Pin view
Suggested PCB layout



Electrical schematic

Electrical specification:
Ratio: 2:1:1
DC resistance (Ω +/-15%):
Primary (4 - 2): 1.48
Secondary 1 (6 - 7): 0.68
Secondary 2 (9 - 10): 0.83
Primary inductance: 10mH min. (@100kHz, 0.1V)
Primary leakage inductance: 8.8uH 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 PT8SM	1	15/08/07	CS		PT8SM
	2	11/02/08	CS		
	3	05/03/08	CS		
Scale: 2 to 1 All dimensions in mm unless stated otherwise	4	16/07/08	CS		