

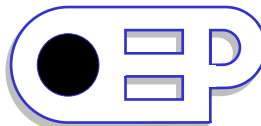
**Electrical specification @ 20°C:**

- Turns ratio: 2:1:1
- Primary Inductance: 12mH min. @ 1kHz, 0.27V (series equivalent circuit)
- Primary DC resistance: 3.3 +/- 15%
- Secondary inductance: 3mH min. per winding (12mH min. linked in series)
- Secondary 1 DC resistance: 1.7 +/- 15%
- Secondary 2 DC resistance: 1.9 +/- 15%
- Interwinding capacitance\* (primary to secondaries): 26pF (nom.)
- Primary leakage inductance\*: 30uH (nom.)
- Proof voltage (primary to secondary) 2kVrms
- Voltage - Time product: 200VuS
- Max. Pulse current: 200mA (peak)
- Bandwidth: 3kHz - 1MHz
- \* secondaries linked in series
- Operating temperature range: -40°C to +70°C
- Storage temperature range: -40°C to +125°C

**Materials:**

- Bobbin: LCP E4008 UL file number E54705
- Enamel coated copper wire: UL file no.E174837
- Tape: 3M number 56 or JingJiang Yahua UL file: E165111 or equivalent

Tolerance on all dimensions: +/- 0.15mm unless stated otherwise.  
Pin diameter = 0.7mm



Unit 5, Oxonian Park, Langford Locks,  
Kidlington, Oxfordshire. OX5 1FP  
Tel: (01865) 855085 Fax: (01865) 855075  
Website: [www.oep.co.uk](http://www.oep.co.uk)

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Specification for PT8	1	03/06/05	CS		<b>PT8</b>
	8	18/03/13	CS		
	9	22/03/13	CS		
	10	10/04/14	CS		

Scale : 2:1

All dimensions in mm unless stated otherwise

