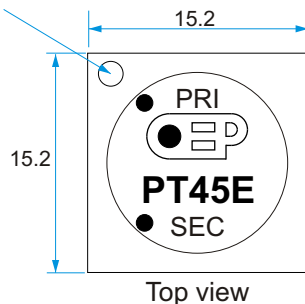
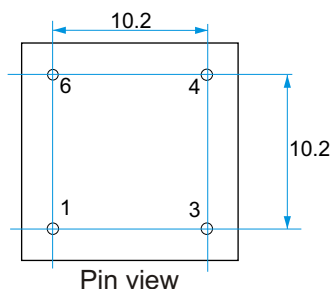
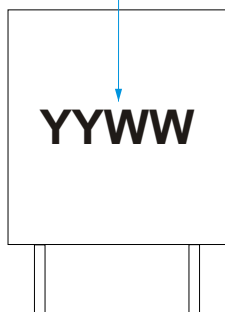
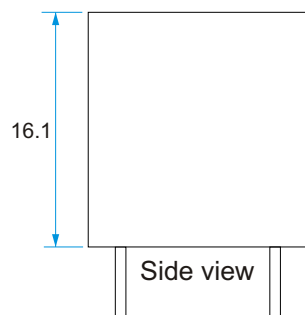


Marking:
White ink printed on to top of box
or black print on self adhesive label

Spot indicates pin 1

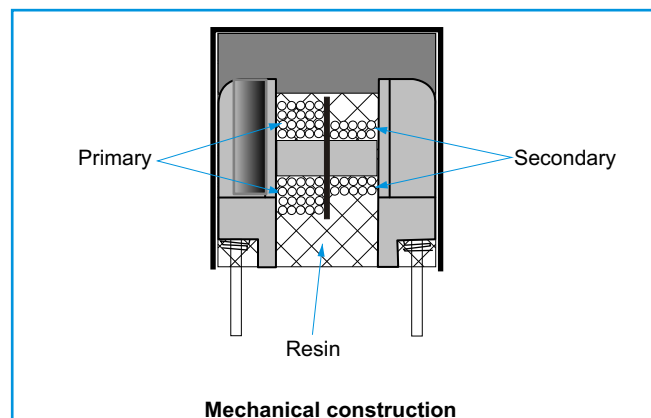
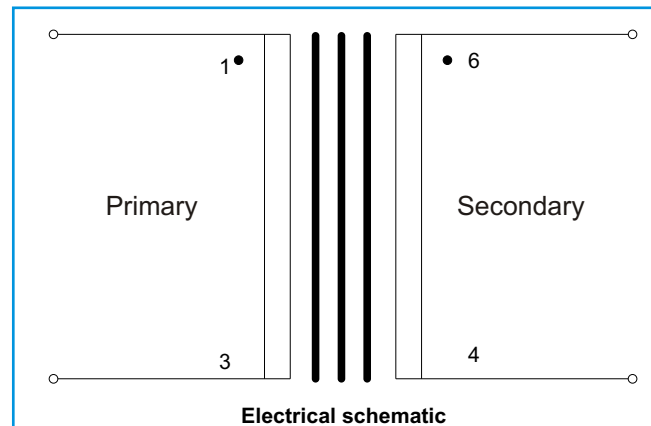


Date code stamped on side of box
YYWW = year year week week



Materials:

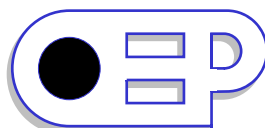
- Bobbin: FR530 UL file number E69578(M)
- Potting box: Material: FR530, UL file no. E69578(M)
- Resin: 2-part epoxy resin type 3300A and 3300B
UL file number 218090
- Winding wire: Enamel coated copper wire
UL file no. E174837



Electrical specification:

- Turns ratio: 2:1
- Primary Inductance: 1.53mH min. @ 1kHz, 0.27V (series equivalent circuit)
- Primary DC resistance: 0.44 ohms +/- 10%
- Secondary DC resistance: 0.20 ohms +/- 10%
- Primary leakage inductance: 85uH @ 1kHz
- Primary to secondary interwinding capacitance: 26pF @ 1kHz
- Primary to secondary interwinding capacitance: 8pF @ 100kHz
- Proof voltage (primary to secondary) 5.0kV peak
- Voltage - Time product: 200V uS
- Max. Pulse current: 200mA (peak)
- Bandwidth: 3kHz - 1MHz
- Operating temperature range: -40°C to +70°C
- Storage temperature range: -40°C to +125°C

Pin diameter: 0.7mm
Tolerance on all dimensions: +/- 0.2mm unless stated otherwise



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

DESCRIPTION	ISSUE	DATE	DRAWN	CHECKED	DRAWING NUMBER
Specification for PT45E	1	24/10/02	CS		PT45E
	3	08/11/06	CS		
	4	21/05/07	CS		
	5	06/01/14	CS		

Scale: 2 to 1

All dimensions in mm unless stated otherwise

