

Friday, 24 March 2006

HOME

pulse transformers

HOME

0800 316 6060

Company Profile

Products

Catalogue

Distributors

Contacts

Quality

Can We Help?

Your Opinion

Open or encapsulated p.c.b. mounting transformers. Designed for wide band and general pulse applications in particular thyristor and triac control systems, where they provide isolation between firing circuit and load.

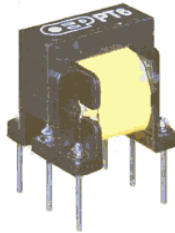
**SPECIFICATION**

Proof voltage 2.8kV (PT42E 5.0kV)

Output voltage-time product 200V  $\mu$ sec

Max. output pulse current 200mA (peak)

Bandwidth 3kHz – 1 MHz



Construction Single Section	Dip Varnish	Vacuum Impregnated	Encapsulated
Ratio	Part No.	Part No.	Part No.
1 : 1	PT 4	PT5	PT4E
1 : 1+1	PT 6	PT7	PT6E
1 : 1+1	PT103		
2 : 1	PT10	PT11	PT10E
2 : 1+1	PT8	PT9	PT8E
1 : 1+1/4			PT102
3 : 1	PT12		PT12E
8 : 1+1	PT601		
1 : 1 : 1	PT105		
2 SECTION		CLASS 2 INSULATION TO BS 415	
1 : 1			PT42E



Ratio	Lp (min)	LI (typ) $\mu$ H	C (typ) $\mu$ F	Rp (max)	Rs (max)
1 : 1	3 mH	19	20	1.1	0.9
1 : 1+1	3 mH	8*	30*	1.4	2.6*
1 : 1+1	60 $\mu$ H				
2 : 1	12 mH	115	19	5.1	2.6
2 : 1+1	12 mH	30*	26*	4.0	4.2
1 : 1+1/4	20 mH				
3 : 1	2.7 mH				
8 : 1+1	30 mH				
1 : 1 : 1	30 mH				

1 : 1 (PT42E)	3mH	80µH		1.1	1.1
------------------	-----	------	--	-----	-----

**ENCAPSULATED VERSION**

**Pin Layout As Shown.**

Body size excluding pins:  
W15.30 mm  
H16.00 mm  
D15.30mm

[pulse\\_transformers\\_pinview\\_thumbnail.jpg \(12823 bytes\)](#)



**OXFORD ELECTRICAL PRODUCTS LTD**

transformer manufacturers,  
wound components, power  
supplies, low voltage lighting,  
switch mode power supplies.

Friday, 24 March 2006

- [HOME](#)
- [Company Profile](#)
- [Products](#)
- [Catalogue](#)
- [Distributors](#)
- [Contacts](#)
- [Quality](#)
- [Can We Help?](#)
- [Your Opinion](#)

## Walters OEP Transformers

Telecoms, LAN, Lighting, Medical, Audio  
Security, Controls, EPOS, Instrumentation



## Walters OEP Power Supplies

DC - DC Converters  
Custom Made  
Switch Mode  
Linear

## Walters OEP Lighting Products

Halogen Lamps, Floodlights, PIR's etc.

[View Disclaimer](#)

## **X-ON Electronics**

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [oep](#) manufacturer:*

Other Similar products are found below :

[016608F](#) [PT4](#) [PT8](#) [E187B](#) [PT42E](#) [TF048](#) [Z1604](#) [P1200](#)