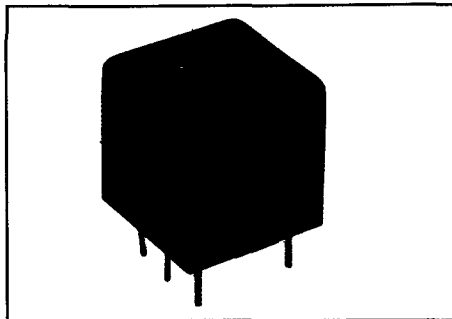
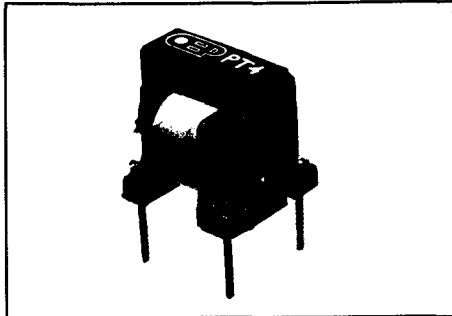


PULSE TRANSFORMERS

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.



CONSTRUCTION SINGLE SECTION	Dip Varnish	Vacuum Impregnated	Encapsulated
Ratio	Part No.	Part No.	Part No.
1:1	PT4	PT5	PT4E
1:1+1	PT6	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)	L1 (typ) μ H	C (typ)pF	Rp (max) Ω	Rs (max) Ω
1:1	3mH	19	20	1.1	0.9
1:1+1	3mH	8*	30*	1.4	2.6*
1:1+1	60 μ H				
2:1	12mH	115	19	5.1	2.6
2:1+1	12mH	30*	26*	4.0	4.2
1:1+1/4	20mH				
3:1	2.7mH				
8:1+1	30mH				
1:1:1	30mH				
1:1 (PT42E)	3mH				

SPECIFICATION

Proof voltage 2.8kV (PT42E 5.0kV)
 Output voltage-time product 200V μ sec
 Max. output pulse current 200mA (peak)
 Bandwidth 3kHz – 1 MHz

DIMENSIONS & PIN LAYOUT

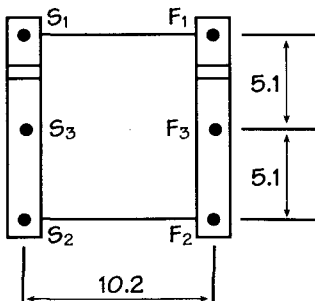
Body size excluding pins:

Open Type: W13mm, H15mm, D13mm

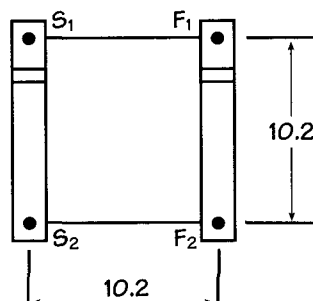
Encapsulated Type: W15mm, H16mm, D15mm

* Secondaries joined in series

Alternative versions are available to customers individual specifications.



6 PIN VERSION



4 PIN VERSION

S1 – F1 Primary
 S2 – F2 Secondary
 S3 – F3 Secondary

SPECIAL DESIGNS

This series is not limited to the standard designs as shown above but can be adapted to suit Customers' specific requirements.

OXFORD ELECTRICAL PRODUCTS

14-17 Industrial Estate, Wroslyn Road, Freeland, Witney, Oxfordshire, OX8 8HZ England Tel: (01993) 883214 Fax: (01993) 882500

Please note our policy is one of continuous improvement and we therefore reserve the right to modify specifications without notice