

TRANSFORMERS

PCB MOUNT TRANSFORMERS

These PCB mount transformers are very compact but still offer high performance, low temperature rise and efficiency. The dual secondaries can be wired in series or parallel offering a wide combination of output voltages.

Secondary (SEC) Current A - current available where secondaries are connected in **parallel**.

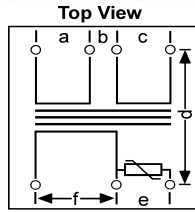
Secondary (SEC) Current B - current available where secondaries are connected in **series**.

All models fitted with **115°C internal**

3VA MODEL

Primary Voltage - 240V AC
 Total VA rating - 3VA
 Insulation - Class A (105°C)
 Magnetising current - <20mA
 Temperature rise - <65°C
 Regulation - ???%
 Weight - ???g

Approval Certificate No. CS/860/Q

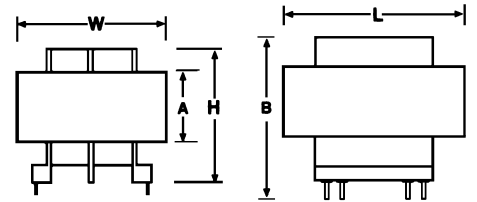


DIMENSIONS:

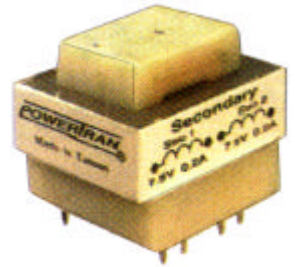
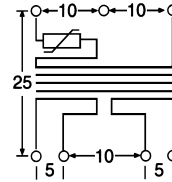
Tolerance: ??????
 ?11 dimensions in mm.

Model	a	b	c	d	e	f
3VA	5	10	5	24	10	10
5VA	5	10	5	25	5	15
7VA	10	5	10	27	10	15

Part Number	Sec. V	Sec. Parallel	Sec. Series
M7012	6+6	0.5A	0.25A
M7015	7.5+7.5	0.4A	0.2A
M7018	9+9	0.33A	0.166A
M7024	12+12	0.25A	0.125A
M7030	15+15	0.2A	0.1A



Model	A	B	H	L	W
3VA	12.5	36	30	35.5	30
5VA	17	40	35	41.5	33.5
7VA	18	41	36.5	48.5	40.5

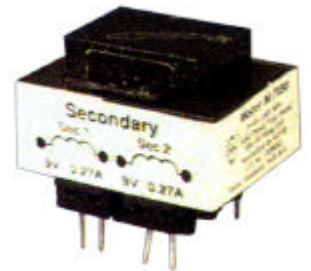
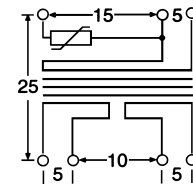


5VA MODEL

Primary Voltage - 240V AC
 Total VA rating - 5VA
 Insulation - Class A (105°C)
 Magnetising current - <25mA
 Temperature rise - <65°C
 Regulation - ???%
 Weight - ???g

Approval Certificate No. CS/860/Q

Part Number	Sec. V	Sec. Parallel	Sec. Series
M7052	6+6	0.83A	0.416A
M7055	7.5+7.5	0.66A	0.33A
M7058	9+9	0.55A	0.277A
M7064	12+12	0.416A	0.208A
M7070	15+15	0.333A	0.166A

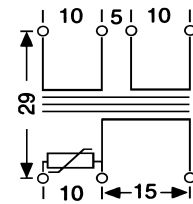


7VA MODEL

Primary Voltage - 240V AC
 Total VA rating - 7VA
 Insulation - Class A (105°C)
 Magnetising current - <30mA
 Temperature rise - <65°C
 Regulation - ???%
 Rec. AC Fuse - 100mA
 Weight - ???g

Approval Certificate No. CS/339/W

Part Number	Sec. V	Sec. Parallel	Sec. Series
M7112	6+6	1.166A	0.583A
M7115	7.5+7.5	0.933A	0.466A
M7118	9+9	0.77A	0.388A
M7124	12+12	0.58A	0.29A
M7130	15+15	0.466A	0.233A



757 SERIES

Made to the latest Australian standards AS3108, these PCB transformers are rated modestly for their size. Wound on flame retardant nylon 66 bobbins. The primary winding is fitted with an in-built thermal fuse to protect the appliance in the case of a short circuit developing in the secondary winding.

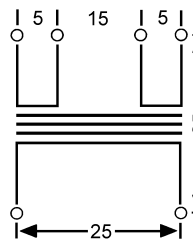
Primary Voltage - 240V AC
 Total VA rating - 7VA
 Fuse Type - Thermal @ 115°C
 Size - 30 x 41 x 33mm HWD
 Weight - ???g

Approval Certificate No. CS 98375V
 AUSTEL Approval No. A93/MT/0107

Part Number	Sec. V
75712	6+6
75715	7.5+7.5
75718	9+9
75724	12+12
75730	15+15

DIMENSIONS:

Model	a	b	c	d	e
757	5	15	5	25	25



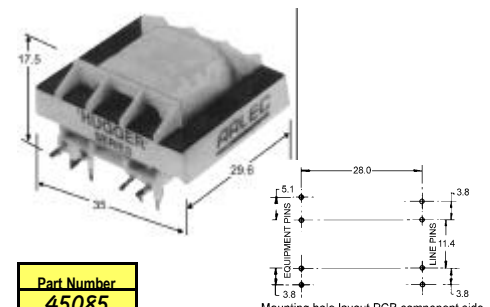
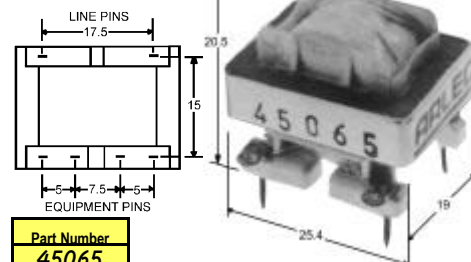
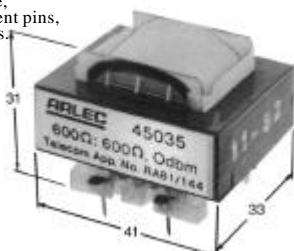
LINE ISOLATING TRANSFORMERS

Impedance - 600 ohm line/600 ohm equipment
Turns ratio - 1:1
Maximum level - 0 dbm @ 300 Hz
Insertion loss - 1 db max @ 0 dbm, 300 Hz-5 KHz
Frequency response - 300 Hz-10 KHz ?1 db, 0 dbm, 0 DC
Return loss - <15 db, 300 Hz -5 KHz?
Max unbalanced DC - 60 mA (200 mA without damage)
Proof test - 4 KV rms between windings and windings to core
Weight - ???g

Impedance - 600 ohm line/600 ohm or 150 ohm equipment
Turns ratio - 1:1
Maximum level - +20 dbm @ 200 Hz
Insertion loss - 1 db max @ 0 dbm,
 200 Hz-3 KHz ?1 db, 0 dbm, 0 DC
 (Can be altered to cover two decades, with high-end frequency up to 150 KHz)
Return loss - <15 db, 200 Hz -30 KHz?
Max unbalanced DC - 5 mA (120 mA without damage)
Proof test - 3.5 KV rms between windings and windings to core
Weight - ???g

Impedance - 600 ohm line/600 ohm or 150 ohm equipment
Turns ratio - 1:1 ???
DC current - Up to 60mA DC without alteration of performance
Return loss - 15 db min @ 1 KHz
Dielectric test - 3.5 KV rms applied between wind ings and from both windings to core.
DC resistance - 65 ohm - 85 ohm
Harmonic distortion - Less than 1% at 300 Hz, 0 dbm, 60 mA DC
Frequency response - 300 Hz-3 KHz
Weight - ???g

PCB pins, spacing
 25 mm equipment to line,
 15 mm between equipment pins,
 25 mm between line pins.



Part Number 45035

Part Number 45065

Part Number 45085