

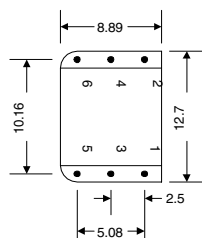
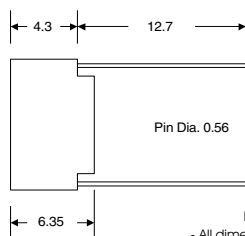
P.C. Board Mount (601-610 Series)



PULSE TRANSFORMERS

- These ferrite cored transformers are fully encapsulated in a high grade black molded case with a UL94V-O rating.
- Used in digital and data processing, line coupling, matching, isolation etc.
- Working voltage rating maximum of 500V D.C.
- ET values up to 50V uS.

Part No.	Turns Ratio +/- 2%	Primary Inductance uH (min)	Primary ET Constant V uS	Inter W Capacity pf. Ref.	Leakage Inductance uH (max.)	D.C. Resistance Ohms max.	Cir. Dia.
601A	1:01	2060	17.5	45	0.6	1.5	B
601B	1:01	492	8.5	20	0.3	0.8	B
601C	1:01	219	5.5	12	0.25	0.5	B
601D	1:01	50	4	10	0.2	0.4	B
601F	1:01	9.5	6	10	0.2	0.4	B
602A	1:01:01	2060	17.5	35	0.6	1.5	C
602B	1:01:01	492	8.5	20	0.3	0.8	C
602C	1:01:01	219	5.5	12	0.25	0.5	C



NOTES:
- All dimensions in mm
- Pins 3 & 4 are omitted on circuit diagram A & B units

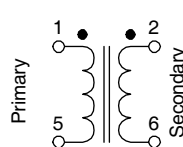


Diagram B

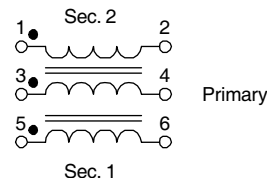
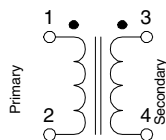
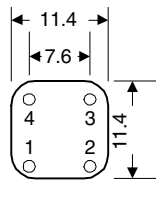
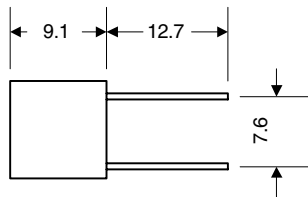


Diagram C

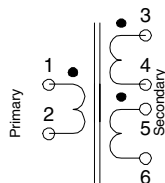
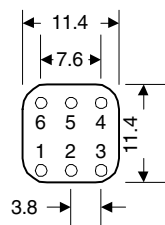
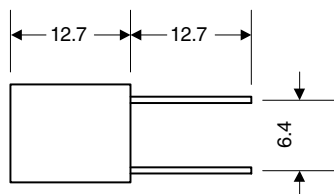
610A Dimensions & Schematic



Note: All dimensions in mm



610B Dimensions & Schematic



Note: All dimensions in mm

PULSE TRANSFORMERS

- These ferrite cored transformers are fully encapsulated in a high grade black molded case with a UL94V-O rating.
- Units are intended for wide band and pulse applications including thyristor / triac firing circuits.
- Peak pulse voltage rating maximum of 250V.
- Insulation tested to 1,000V RMS.

Part No.	Ratio	Primary		Secondary Resistance		Primary ET Constant V (uS).	Leakage Inductance uH (max.)	Max. Primary or Secondary Peak Current	
		Inductance mH (min)	Resistance Ohms	Sec. 1 (Ohms)	Sec. 2 (Ohms)			@ 10% Duty	@ 1% Duty
610A	1:01	3.9	3.4	3.9	-	500	60	0.2A	0.6A
610B	1:01	2.7	2.1	2.1	2.3	500	50	0.2A	0.6A

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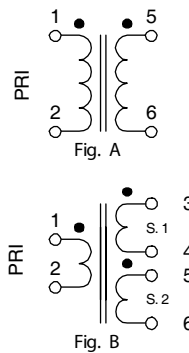
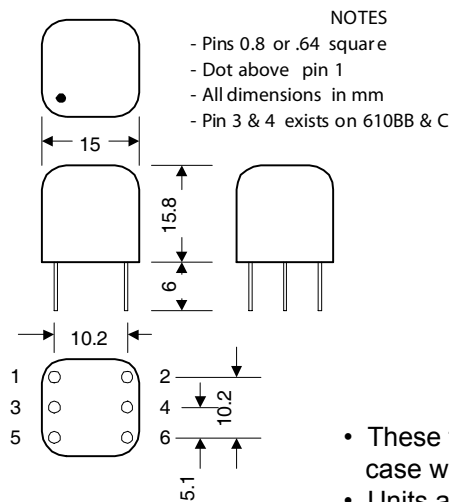
AUSTRALIA

Queenstown, Australia 61-8-8240-2244



Pulse

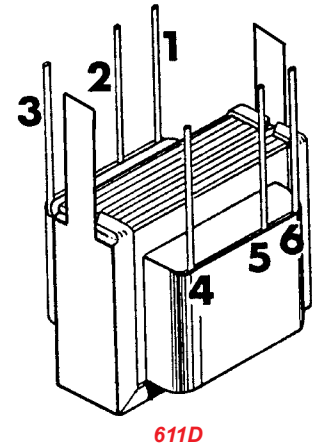
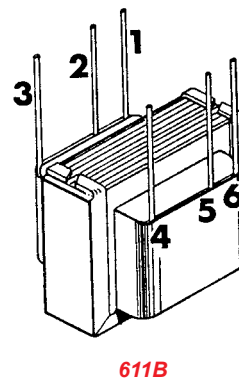
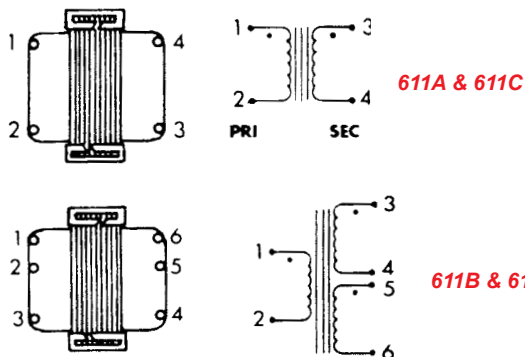
P.C. Board Mount (610-611 Series)



PULSE TRANSFORMERS

- These ferrite cored transformers are fully encapsulated in a high grade black molded case with a UL94V-O rating.
- Units are intended for wide band and pulse applications including thyristor / triac firing circuits, signal isolation, line matching, low power switch mode power supplies, etc.
- Working voltage rating maximum of 500V RMS
- All units are voltage proof tested to 2.0KV peak 50 Hz.

Part No.	Ratio	Primary		Leakage Inductance uH (max)	Capacity pf. (Ref)	D.C. Winding Resistance			Sch. Fig #
		Inductance mH (min)	ET Constant V (uS)			Pri (Ohms)	Sec. 1 (Ohms)	Sec. 2 (Ohms)	
610AA	1:01	3	200	22	23	1.2	1	-	A
610BB	1:01	3	200	9	28	1.4	1.3	1.7	B
610C	2:01	12	400	35	30	4	1.8	2.4	B



PULSE TRANSFORMERS

- Economical, open style, P. C. board pin mount
- Units are intended for pulse applications including thyristor / triac firing circuits.

Part No.	Ratio	Circuit Max. volts	Primary ET Constant V (uS)	Primary		D.C. Winding Resistance		Max. Primary or Secondary Peak Current		Insulation RMS (Volts)	Wt. Oz.
				Inductance mH (min)	D.C. Res. (Ohms)	Sec. 1 (Ohms)	Sec. 2 (Ohms)	@ 10% Duty	@ 1% Duty		
611A	1:01	125	1400	8.6	0.45	0.55	-	0.7 A	2.1 A	1000	0.7
611B	1:01	125	1400	17.2	1.26	1	1.53	0.7 A	2.1 A	1000	0.7
611C	1:01	250	7250	56	3.31	4.46	-	0.7 A	2.1 A	1500	1.2
611D	1:01	250	4000	17	1.73	1.31	2.12	0.7 A	2.1 A	1500	1.2

Part No.	Pin Spacing	Height	Width	Coil Depth	Mounting Tab	
					Centers	Size
611A & 611B	0.2" x 0.6"	.69"	.82"	.57"	-	-
611C & 611D	0.2" x 0.6"	.82"	1.06"	.82"	1"	.12" x .25"

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Pulse

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