

# TRANSFORMERS

PULSE TRANSFORMER



AUDIO TRANSFORMER



CHASSIS TRANSFORMER



TOROIDAL TRANSFORMER



LIGHTING TRANSFORMER



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## TRANSFORMERS

**PULSE TRANSFORMER** a range of pulse transformers designed for wide band and general pulse applications. They are ideal for triac and thyristor control systems. Open or encapsulated PCB mounting, Max pulse current 200mA (peak).



CODE	TYPE	PRICE
20-2290	Pulse Transformer VTX-110-004 1:1.....	£4.25
20-2292	Pulse Transformer VTX-111-004 1:1.....	£4.70
20-2294	Pulse Transformer VTX-110-006 1:1+1.....	£4.50
20-2296	Pulse Transformer VTX-110-008 2:1+1.....	£4.50
20-2298	Pulse Transformer VTX-111-042 1:1.....	£4.99
20-2300	Pulse Transformer VTX-111-045 2:1.....	£4.99

**MINIATURE PULSE TRANSFORMER 1:1** this miniature pulse transformer is ideal for use for line coupling, matching or isolating. Operating temperature 0°C - 70°C and isolation voltage is 500V.

Turns ratio (PRI:SEC)	+/-2% 1:1
Primary inductance (Min)	495µH
Primary ET constant (Min)	8.5Vµs
Leakage inductance (Max)	0.3µH
Interwinding capacitance (Max)	20pF
DC Resistance	0.3Ω



CODE	TYPE	PRICE
20-2288	Miniature Pulse Transformer 1:1.....	£4.39

**1:1 LINE ISOLATION TRANSFORMER** these line transformers provide isolation between modems or similar devices and telephone lines. This transformer is designed for use in voice or data transmission circuits where the line DC is diverted from the windings by a choke or solid state device. The use of this transformer should enable the equipment it is used with to comply with the relevant requirements of BS6305. It features ultra low profile surface mount and a matching transformer. Available in OEP1200 and OEP8000 versions.



### VTX-131-001 (OEP) 1200

Insertion loss	1.5dB max @ 2kHz.
Return loss	-20dB @ 200Hz-4kHz.
Isolation longitudinal	3.54kV RMS or 5kV DC.
Saturation	10V RMS 65V peak.
Balance better than	80dB 200Hz-4kHz.
Signal/noise ratio	>33dB
DC resistance	68 ±10% (NB. not to be tested with a DC current)

### VTX-134-002 (OEP) 8000

Turns Ratio	1:1,
Nominal Impedance	600Ω
DCR per winding	111 (±15%)
Frequency response	±0.2dB (200Hz-4kHz)
Isolation,	50Hz >3.3kVrms min.
Return Loss	-18dB min (200Hz-4kHz)
Insertion Loss	4dB max (2kHz/600)
Longitudinal Balance	>80dB
THD (typical)	600Hz -89dBm-100dBm
Saturation	<10Vrms, 65V peak. 50Hz

CODE	TYPE	PRICE
20-2000	Line Matching Transformer VTX-131-001 RC.....	£5.99
20-2002	Line Matching Transformer VTX-134-002 RC.....	£6.99

**PCB AUDIO TRANSFORMER** a range of high quality PCB mounting audio transformers aimed at the professional audio market. They are of various impedance configurations with good band width and low distortion characteristics for the audio industry. The transformers are bidirectional so that an input winding can become the output winding and an output can become an input. Because of a transformer's bidirectional nature, it can provide a gain in signal level when used in one direction or a loss when used in reverse. They feature an encapsulated PCB mounting with optional MU-metal can with lid to minimise external noise. Less than 1% THD with 30Hz to 35KHz frequency range. RoHS compliant.



CODE	TYPE	PRICE
20-2004	PCB Audio Transformer VTX-101-001 RC.....	£15.99
20-2006	PCB Audio Transformer VTX-101-002 RC.....	£15.99
20-2008	PCB Audio Transformer VTX-101-003 RC.....	£15.99
20-2010	PCB Audio Transformer VTX-101-006 RC.....	£15.99
20-2012	PCB Audio Transformer VTX-101-007 RC.....	£15.99
20-2014	MU Metal Can VTX-102-000 RC.....	£8.35

**PCB AUDIO TRANSFORMER - OPEN** a quality encapsulated miniature PCB mounting audio frequency transformer suitable for isolating and impedance matching applications. The open types are mounted by means of a clamp with spade feet which may be bent over when securing to a PCB.

Frequency Response	200Hz – 15kHz
Power Rating	2mW
D.C. Resistance Primary	69Ω
D.C. Resistance Secondary	97Ω
Primary Impedance	800Ω
Secondary Impedance	800Ω
Ratio, turns	1:1CT
Transformer: audio,	1:1
Dims	16mm x 16mm x 19mm



CODE	TYPE	PRICE
20-2028	PCB Audio T/former VTX-100-001.....	£10.99

**PCB AUDIO INPUT TRANSFORMER - ENCAPSULATED** these quality miniature PCB mounting audio frequency transformers are suitable for isolating and impedance matching applications. The open types are mounted by means of a clamp with spade feet which may be bent over when securing to a PCB. The enclosed type is fully encapsulated in a glass filled nylon case.



Frequency Response at 2mW	60Hz-25kHz ±0.5dB
Frequency Response at 0.2mW	30Hz-25kHz ±0.7d
Transformer: audio	1:1
Primary Impedance	600Ω
Secondary Impedance	600Ω
Power Rating	2mW
Ratio, turns	1:1CT

CODE	TYPE	PRICE
20-2030	PCB Audio T/former VTX-100-1606.....	£10.99
20-2032	PCB Audio T/former VTX-100-1604.....	£10.99

# SQUIRES ELECTRONIC COMPONENTS

**ENCAPSULATED TOROIDAL TRANSFORMERS** a high quality range of encapsulated toroidal transformers of robust construction featuring a centre hole fixing and flying lead connections. The flying leads exit through the side of the unit instead of the bottom like the majority of encapsulated toroidals available. This makes access much easier when the transformer is mounted. The transformers feature a single 230V AC 50/60Hz primary winding that can be connected in series, parallel or centre tap enabling a wide choice of voltage and current combinations to be selected. They are flash tested at 4000V rms, fully encapsulated to UL 94V-0 and have a low level of radiated magnetic field. Operating frequency is 50/60Hz, maximum ambient operating temperature is +40°C and meets all requirements of class A (105°C). The flying leads are 150mm long, stripped 5mm. Manufactured in accordance with EN60742, EN60065 and EN60950, UL recognised to UL 1411 file E115159. Mounting screw not supplied.



Rating	15VA	30VA	50VA	80VA	100VA	120VA	160VA
Regulation(%)	20	16	14	11	11	10	9
Height (mm)	35	39	42	44	52	52	53
Diameter (mm)	63	82	87	96	104	104	115
Weight (kg)	0.36	0.6	0.8	1.1	1.2	1.62	2.05
Mounting bolt	M5	M5	M5	M6	M6	M6	M6

CODE	TYPE	PRICE
20-2016	Encap Toroid T/former 15VA 15V+15V 0.5(RC)..	£27.99
20-2018	Encap Toroid T/former 15VA 25V+25V 0.3(RC)..	£27.99
20-2020	Encap Toroid T/former 30VA 9V+9V 1.67(RC)....	£29.99
20-2022	Encap Toroid T/former 30VA 12V+12V 1.25(RC)	£29.99
20-2024	Encap Toroid T/former 50VA 12V+12V 2.08(RC)	£39.99
20-2026	Encap Toroid T/former 80VA 12V+12V 3.33(RC)	£49.99

**MINIATURE TRANSFORMERS** a range of miniature transformers ideal for use in small equipment, constructed using C clamp method incorporating flying leads.

All secondaries are rated at 100mA.

Dimensions	
6-0-6V	37 x 30 x 25mm
9-0-9V	37 x 30 x 25mm
12-0-12V	40 x 30 x 28mm



CODE	TYPE	PRICE
880-200	Mini Transformer 6-0-6v @100mA.....	£3.99
880-205	Mini Transformer 9-0-9v @100mA.....	£3.99
880-210	Mini Transformer 12-0-12v @100mA.....	£4.50

**PCB MOUNT MINITURE PRECISION CURRENT TRANSFORMER** a miniature precision current transformer with built-in busbar, designed for use on a printed circuit board (PCB). Operational range of frequency is 20Hz to 20kHz and isolation voltage is 2000V AC. Insulation Rating Class F (155°C).



Input current	Resistor	Voltage	Dielectric strength
100mA	250Ω	0.625V	>2000V AC

CODE	TYPE	PRICE
20-2034	PCB Mount Mini Precision Current T/former.....	£6.89

**PCB TRANSFORMER** this wide range of high quality PCB mounting transformers has been designed with an output voltage from 4.5V to 24V. They are suitable for 50/60Hz operations and the two independent secondary windings are most suitable for connecting in series, parallel or centre tap giving a wide range of output voltage and current combinations. Available with either 230V or dual 115V input voltages and manufactured and tested in accordance to EN61558, EN60950, CE.

Power: 3 - 12VA 50/60Hz  
Temperature class: Class B (130°C)  
Dielectric strength: >3750Vrms



CODE	TYPE	PRICE
20-2516	PCB Transformer 230VAC 3VA 6V+6V.....	£4.99
20-2518	PCB Transformer 230VAC 3VA 9V+9V.....	£4.99
20-2520	PCB Transformer 230VAC 3VA 12V+12V.....	£4.99
20-2522	PCB Transformer 230VAC 3VA 18V+18V.....	£4.99
20-2524	PCB Transformer 230VAC 3VA 20V+20V.....	£4.99
20-2526	PCB Transformer 230VAC 3VA 24V+24V.....	£4.99
20-2528	PCB Transformer 230VAC 6VA 4.5V+4.5V.....	£5.99
20-2530	PCB Transformer 230VAC 6VA 6V+6V.....	£5.99
20-2532	PCB Transformer 230VAC 6VA 9V+9V.....	£5.99
20-2534	PCB Transformer 230VAC 6VA 12V+12V.....	£5.99
20-2536	PCB Transformer 230VAC 6VA 15V+15V.....	£5.99
20-2538	PCB Transformer 230VAC 6VA 20V+20V.....	£5.99
20-2540	PCB Transformer 230VAC 6VA 24V+24V.....	£5.99
20-2542	PCB Transformer 230VAC 12VA 6V+6V.....	£8.99
20-2544	PCB Transformer 230VAC 12VA 9V+9V.....	£8.99
20-2546	PCB Transformer 230VAC 12VA 12V+12V.....	£8.99
20-2548	PCB Transformer 230VAC 12VA 15V+15V.....	£8.99
20-2550	PCB Transformer 230VAC 12VA 24V+24V.....	£8.99
20-2552	PCB Transformer 115V+115V 3VA 6V+6V.....	£4.99
20-2554	PCB Transformer 115V+115V 3VA 9V+9V.....	£4.99
20-2556	PCB Transformer 115V+115V 3VA 12V+12V.....	£4.99
20-2558	PCB Transformer 115V+115V 3VA 15V+15V.....	£4.99
20-2560	PCB Transformer 115V+115V 3VA 24V+24V.....	£4.99
20-2562	PCB Transformer 115V+115V 6VA 4.5V+4.5V.....	£5.99
20-2564	PCB Transformer 115V+115V 6VA 6V+6V.....	£5.99
20-2566	PCB Transformer 115V+115V 6VA 9V+9V.....	£5.99
20-2568	PCB Transformer 115V+115V 6VA 12V+12V.....	£5.99
20-2570	PCB Transformer 115V+115V 6VA 15V+15V.....	£5.99
20-2572	PCB Transformer 115V+115V 6VA 18V+18V.....	£5.99
20-2574	PCB Transformer 115V+115V 6VA 20V+20V.....	£5.99
20-2576	PCB Transformer 115V+115V 12VA 12V+12V.....	£8.99
20-2578	PCB Transformer 115V+115V 12VA 15V+15V.....	£8.99
20-2580	PCB Transformer 115V+115V 12VA 18V+18V.....	£8.99

## PRODUCT CODES

### PLEASE NOTE

**IT IS VERY IMPORTANT TO USE  
THE CORRECT PRODUCT CODE  
FOR THE ITEMS YOU  
WISH TO ORDER**

**IT IS VITAL TO INCLUDE  
THE PUNCTUATION IN THE CODE  
AND TO FORMAT THE CODE  
AS SHOWN IN THE CATALOGUE**

# SQUIRES MODEL & CRAFT TOOLS

**PCB OPEN MAINS TRANSFORMER** a range of high quality powered transformers that are ideally suited for mounting on to printed circuit boards. With dual primary 120/240V Input and dual secondary windings and double section shrouded bobbin. These transformers have been manufactured to meet approval standards EN61558, (EN60742 - Will require additional fuse protection) and tested in accordance to EN60950 and CE.

Power: 3 - 12VA 50/60Hz  
Temperature class: Class B  
Dielectric strength: >3750Vrms



**Rating Dimensions**

	Width	Depth	Height	Pitch	Pin size
3VA	38mm	32mm	30mm	5.08mm	0.8 <sup>2</sup>
6VA	43mm	36mm	32mm	5.08mm	0.8 <sup>2</sup>

CODE	TYPE	PRICE
20-2592	PCB Open Transformer 3VA 0-6V 0-6V.....	£5.49
20-2594	PCB Open Transformer 3VA 0-9V 0-9V.....	£5.49
880-310	PCB Open Transformer 3VA 0-12V 0-12V.....	£5.49
20-2596	PCB Open Transformer 3VA 0-15V 0-15V.....	£5.49
20-2598	PCB Open Transformer 3VA 0-20V 0-20V.....	£5.49
20-2600	PCB Open Transformer 6VA 0-9V 0-9V.....	£7.99
20-2602	PCB Open Transformer 6VA 0-12V 0-12V.....	£7.99
20-2604	PCB Open Transformer 6VA 0-15V 0-15V.....	£7.99
20-2606	PCB Open Transformer 6VA 0-20V 0-20V.....	£7.99

**PCB MOUNTING TRANSFORMER** a comprehensive range of PCB mounting mains transformers with a choice of single (230V) or dual (115V+115V) primary windings suitable for 50/60Hz operations and two independent secondary windings suitable for connecting in series, parallel or centre tap giving a wide range of output voltage and current combinations. With double section metric bobbins constructed with fully shrouded windings and flame retardant material to UL 94V-0. Designed, manufactured and tested in accordance with B3535, EN60950 and EN60742 (requires additional fuse protection).



Rating	Dimensions	Depth	Height	Weight(kg)
	Width			
3VA	38mm	34mm	30mm	0.13
6VA	43mm	36mm	32mm	0.16
12VA	54mm	45mm	39mm	0.31

CODE	TYPE	PRICE
20-2582	PCB Transformer 115+115V 3VA 15V+15V.....	£5.99
20-2584	PCB Transformer 115+115V 3VA 20V+20V.....	£5.99
20-2586	PCB Transformer 230V 6VA 20V+20V.....	£6.99
20-2588	PCB Transformer 230V 6VA 24V+24V.....	£6.99
20-2590	PCB Transformer 115V+115V 12VA 18V+18V....	£8.99

**PCB MOUNT TRANSFORMER 6 & 12VA** this series of high quality PCB mount transformers have two Primary Windings voltage configurations of: 0 to 110V + 0 to 110V-130V. These configurations allow for supply voltages of 110V/220V/240V 50/60Hz. Dual secondary windings and a power range of 6 or 12VA 50/60Hz. Manufactured and tested in accordance with EN61558, EN60950, CE.



Dimensions (mm)	Width	Height	Depth	Pitch	Pin size
6VA	43mm	35mm	36mm	5.08mm	0.7 <sup>2</sup>
12VA	57.25mm	45.5mm	47.75mm	7.62mm	1.61 x 0.7

Input voltage	110/220/240V AC	
CODE	TYPE	PRICE
20-2492	PCB Transformer 110/220/240VAC 6VA 6+6V....	£10.60
20-2494	PCB Transformer 110/220/240VAC 6VA 9+9V....	£10.60
20-2496	PCB Transformer 110/220/240VAC 6VA 12+12V	£10.60
20-2498	PCB Transformer 110/220/240VAC 6VA 15+15V	£10.60
20-2492	PCB Transformer 110/220/240VAC 6VA 6+6V....	£10.60

**PCB MOUNTING ENCAPSULATED TRANSFORMER** a wide range of PCB mounting encapsulated transformers consisting of both primary and dual secondary windings. Due to their construction and encapsulation these transformers provide excellent performance in aggressive environments where potential exists for changes in temperature and humidity. Short-circuit proof and manufactured and tested in accordance to UL506, EN61558, EN60950, CE.

Power 0.5 - 10VA 50/60Hz  
Temperature class Class B (130°C)  
Ambient temperature ± 40°C - 70°C  
Dielectric strength 3750Vrms



CODE	TYPE	PRICE
20-2328	Encap PCB T/Former 230V 1.5VA 0-6V 0-6V.....	£4.99
20-2330	Encap PCB T/Former 230V 1.5VA 0-9V 0-9V.....	£4.99
20-2332	Encap PCB T/Former 230V 1.5VA 0-12V 0-12V..	£4.99
20-2334	Encap PCB T/Former 230V 1.5VA 0-18V 0-18V..	£4.99
20-2336	Encap PCB T/Former 230V 2.3VA 0-6V 0-6V.....	£7.99
20-2338	Encap PCB T/Former 230V 2.3VA 0-9V 0-9V.....	£7.99
20-2340	Encap PCB T/Former 230V 2.3VA 0-12V 0-12V..	£7.99
20-2342	Encap PCB T/Former 230V 2.3VA 0-15V 0-15V..	£7.99
20-2344	Encap PCB T/Former 230V 2.3VA 0-18V 0-18V..	£7.99
20-2346	Encap PCB T/Former 230V 2.3VA 0-24V 0-24V..	£7.99
20-2346	Encap PCB T/Former 230V 2.3VA 0-24V 0-24V..	£7.99
20-2348	Encap PCB T/Former 230V 3.2VA 0-6V 0-6V.....	£7.99
20-2350	Encap PCB T/Former 230V 3.2VA 0-9V 0-9V.....	£7.99
20-2352	Encap PCB T/Former 230V 3.2VA 0-12V 0-12V..	£7.99
20-2354	Encap PCB T/Former 230V 3.2VA 0-18V 0-18V..	£7.99
20-2356	Encap PCB T/Former 230V 3.2VA 0-24V 0-24V..	£7.99
20-2358	Encap PCB T/Former 230V 6VA 0-6V 0-6V.....	£10.99
20-2360	Encap PCB T/Former 230V 6VA 0-9V 0-9V.....	£10.99
20-2362	Encap PCB T/Former 230V 6VA 0-12V 0-12V.....	£10.99
20-2364	Encap PCB T/Former 230V 6VA 0-15V 0-15V.....	£10.99
20-2366	Encap PCB T/Former 230V 6VA 0-18V 0-18V.....	£10.99
20-2368	Encap PCB T/Former 230V 6VA 0-24V 0-24V.....	£10.99
20-2370	Encap PCB T/Former 230V 10VA 0-6V 0-6V.....	£14.99
20-2372	Encap PCB T/Former 230V 10VA 0-12V 0-12V....	£14.99
20-2374	Encap PCB T/Former 230V 10VA 0-15V 0-15V....	£14.99
20-2376	Encap PCB T/Former 230V 10VA 0-24V 0-24V....	£14.99
20-2378	Encap PCB T/F 115V+115V 1.5VA 0-6V 0-6V.....	£4.99
20-2380	Encap PCB T/F 115V+115V 1.5VA 0.9V 0-9V.....	£4.99
20-2382	Encap PCB T/F 115V+115V 1.5VA 0.12V 0-12V..	£4.99
20-2384	Encap PCB T/F 115V+115V 1.5VA 0.15V 0-15V..	£4.99
20-2386	Encap PCB T/F 115V+115V 1.5VA 0.18V 0-18V..	£4.99
20-2388	Encap PCB T/F 115V+115V 1.5VA 0.24V 0-24V..	£4.99
20-2390	Encap PCB T/F 115V+115V 2.3VA 0.6V 0-6V.....	£7.99
20-2392	Encap PCB T/F 115V+115V 2.3VA 0.9V 0-9V.....	£7.99
20-2394	Encap PCB T/F 115V+115V 2.3VA 0.12V 0-12V..	£7.99
20-2396	Encap PCB T/F 115V+115V 2.3VA 0.15V 0-15V..	£7.99
20-2398	Encap PCB T/F 115V+115V 2.3VA 0.18V 0-18V..	£7.99
20-2400	Encap PCB T/F 115V+115V 2.3VA 0.24V 0-24V..	£7.99
20-2402	Encap PCB T/F 115V+115V 3.2VA 0.6V 0-6V.....	£7.99
20-2404	Encap PCB T/F 115V+115V 3.2VA 0.9V 0-9V.....	£7.99
20-2406	Encap PCB T/F 115V+115V 3.2VA 0.12V 0-12V..	£7.99
20-2408	Encap PCB T/F 115V+115V 3.2VA 0.15V 0-15V..	£7.99
20-2410	Encap PCB T/F 115V+115V 3.2VA 0.18V 0-18V..	£7.99
20-2412	Encap PCB T/F 115V+115V 3.2VA 0.24V 0-24V..	£7.99
20-2414	Encap PCB T/F 115V+115V 6VA 0.6V 0-6V.....	£10.99
20-2416	Encap PCB T/F 115V+115V 6VA 0.9V 0-9V.....	£10.99
20-2414	Encap PCB T/F 115V+115V 6VA 0.6V 0-6V.....	£10.99

**FREE PARKING FOR 2 HOURS  
OUTSIDE OF OUR SHOP**

# SQUIRES ELECTRONIC COMPONENTS

**LOW PROFILE PCB MOUNTING ENCAPSULATED TRANSFORMER** a range of low profile encapsulated transformers. These units are certified to EN61558 and EN60950 and CE Marked. 100% electrical and flash tested.

Power 4VA - 30VA  
 Dual primary windings 115+115V  
 Temperature class Class B (130°C)  
 Dielectric strength 3750Vrms



CODE	TYPE	PRICE
20-2442	L/P Encap PCB T/Former 6VA 0-6V 0-6V.....	£10.99
20-2444	L/P Encap PCB T/Former 6VA 0-9V 0-9V.....	£10.99
20-2446	L/P Encap PCB T/Former 6VA 0-12V 0-12V.....	£10.99
20-2448	L/P Encap PCB T/Former 6VA 0-15V 0-15V.....	£10.99
20-2450	L/P Encap PCB T/Former 9VA 0-6V 0-6V.....	£14.99
20-2452	L/P Encap PCB T/Former 9VA 0-9V 0-9V.....	£14.99
20-2454	L/P Encap PCB T/Former 9VA 0-12V 0-12V.....	£14.99
20-2456	L/P Encap PCB T/Former 9VA 0-18V 0-18V.....	£14.99
20-2458	L/P Encap PCB T/Former 10VA 0-9V 0-9V.....	£15.99
20-2460	L/P Encap PCB T/Former 10VA 0-12V 0-12V.....	£15.99
20-2462	L/P Encap PCB T/Former 10VA 0-15V 0-15V.....	£15.99
20-2464	L/P Encap PCB T/Former 14VA 0-6V 0-6V.....	£17.99
20-2466	L/P Encap PCB T/Former 14VA 0-9V 0-9V.....	£17.99
20-2468	L/P Encap PCB T/Former 14VA 0-12V 0-12V.....	£17.99
20-2470	L/P Encap PCB T/Former 14VA 0-15V 0-15V.....	£17.99
20-2472	L/P Encap PCB T/Former 18VA 0-6V 0-6V.....	£19.99
20-2474	L/P Encap PCB T/Former 18VA 0-9V 0-9V.....	£19.99
20-2476	L/P Encap PCB T/Former 18VA 0-12V 0-12V.....	£19.99
20-2478	L/P Encap PCB T/Former 18VA 0-15V 0-15V.....	£19.99
20-2480	L/P Encap PCB T/Former 24VA 0-9V 0-9V.....	£23.99
20-2482	L/P Encap PCB T/Former 24VA 0-12V 0-12V.....	£23.99
20-2484	L/P Encap PCB T/Former 30VA 0-9V 0-9V.....	£25.99
20-2486	L/P Encap PCB T/Former 30VA 0-15V 0-15V.....	£25.99

**ENCAPSULATED PCB MOUNTING TRANSFORMER** high quality PCB mounting encapsulated mains transformers which are certified, designed and tested to meet the requirements of EN61558/VDE0570/ ENEC10/CSA/UL. With 230V primary windings, single or twin secondary windings, split bobbin construction and vacuum encapsulation.



Rating	Secondary Windings	Pin Outs Primary	Dimensions(mm)			
			Secondary	Secondary Width	Length	Height
0.5VA	Single	1+5	7+9	32.5	27.5	15.3
	Twin	1+5	6+7	9+10	32.5	27.5
1.5VA	Single	1+5	7+9	32.5	27.5	24
	Twin	1+5	6+7	9+10	32.5	27.5
2.3VA	Single	1+5	7+9	32.5	27.5	29.5
	Twin	1+5	6+7	9+10	32.5	27.5
3.2VA	Single	1+5	7+9	41	34.5	27.8
	Twin	1+5	6+7	9+10	41	34.5
5.0VA	Single	1+5	7+9	44.5	37.7	32.5
	Twin	1+5	6+7	9+10	44.5	37.7
10.0VA	Single	1+6	8+11	51	43.5	38
	Twin	1+6	7+8	11+12	51	43.5

\* For conformance reasons transformers with 2x18V & 2x24V outputs should not have their secondaries connected in series

CODE	TYPE	PRICE
20-2302	Encapsulated Transformer 230V 0.5VA 24V.....	£5.99
20-2304	Encapsulated Transformer 230V 1.5VA 12V.....	£5.99
20-2306	Encapsulated Transformer 230V 1.5VA 15V.....	£5.99
20-2308	Encapsulated Transformer 230V 1.5VA 24V.....	£5.99
20-2310	Encapsulated Transformer 230V 1.5VA 6V+6V.....	£5.99
20-2312	Encapsulated T/former 230V 1.5VA 12V+12V.....	£5.99
20-2314	Encapsulated T/former 230V 1.5VA 18V+18V.....	£5.99
20-2316	Encapsulated T/former 230V 2.3VA 12V.....	£6.99
20-2318	Encapsulated T/former 230V 5VA 12V.....	£9.99
20-2320	Encapsulated T/former 230V 5VA 18V.....	£9.99
20-2322	Encapsulated T/former 230V 5VA 24V.....	£9.99
20-2324	Encapsulated T/former 230V 5VA 15V+15V.....	£9.99
20-2326	Encapsulated T/former 230V 10VA 12V.....	£10.99

## CHASSIS TRANSFORMERS

**GAUGEMASTER CHASSIS MOUNTING TRANSFORMERS** a range of T series chassis mounting mains voltage transformers as supplied in Gaugemaster controllers. Each unit must be protected by a suitable fuse or circuit breaker. Not suitable for children unless supervised by an adult.



CODE	TYPE	PRICE
T1	G/Master T/former 25VA 2 x 16V ac 1.25A each.	£19.99
T2	G/Master T/former 25VA 1 x 16V ac 2.5A.....	£19.99
T3	G/Master T/former 25VA 1 x 24V ac 1.25A.....	£19.99
T4	G/Master T/former 25VA 2 x 12V ac 1.25A each.	£19.99

**GAUGEMASTER UN-REGULATED AC POWER SUPPLIES** a range of un-regulated ac power supplies housed in a metal case. Complete with mains flex and BS 3a fused plug. Output is via choc-bloc connectors and is electrically protected by miniature circuit breakers. Not suitable for children unless supervised by an adult.



CODE	TYPE	PRICE
M1	Power Supply 25VA 2 x 16V AC.....	£44.99
M2	Power Supply 25VA 1 x 18V AC.....	£49.99
M3	Power Supply 25VA 1 x 24V AC.....	£49.99
M4	Power Supply 25VA 2 x 12V AC.....	£49.99

**CHASSIS MOUNT TRANSFORMER** a comprehensive range of chassis mounting transformers with a choice of single (230V) or dual (115V+115V) primary windings suitable for 50/60Hz operations and two independent secondary windings suitable for connecting in series, parallel or centre tap, giving a wide range of output voltage and current combinations. Designed manufactured and tested in accordance with B3535, EN60950 and EN60742 (requires additional fuse protection). With double section bobbins constructed with fully shrouded windings, flame retardant material to UL 94V-0 and fitted with solder tags and push on terminations (6VA fitted with solder tags only). U clamp fixing for 6VA to 50VA - 75VA and above, fitted with universal multi-hole end frames. **Available while stocks last.**



CODE	TYPE	PRICE
20-0138	Chassis Mnt T/former 230V 6VA 20V+20V.....	£9.99
20-0142	Terminal Shroud 6VA.....	£0.49
20-0144	Chassis Mnt T/former 230V 12VA 6V+6V.....	£11.99
20-0146	Chassis Mnt T/former 230V 12VA 7.5V+7.5V.....	£11.99
20-0176	Chassis Mnt T/former 230V 20VA 24V+24V.....	£13.99
20-0160	Terminal Shroud 12VA & 20VA.....	£0.49
20-2282	Chassis Mnt T/former 2x115V 100VA 9V+9V.....	£37.99
20-0236	Terminal Shroud 50VA 75VA & 100VA.....	£0.59

# SQUIRES MODEL & CRAFT TOOLS

**CHASSIS MAINS TRANSFORMER** a wide range of high quality general purpose chassis mounting mains transformers a with mounting clamp connection. They each have a double section fully shrouded bobbin construction with impregnated varnish coating. Dual primary 120/240V input and dual secondary windings. Manufactured and tested in accordance to EN60950, CE.

Power: 6 - 200VA 50/60Hz  
Temperature class: Class B (130°C)  
Dielectric strength: >3750Vrms



**CHASSIS MAINS TRANSFORMER WITH SINGLE PRIMARY WINDINGS** a comprehensive range of high quality chassis mounting transformers with single (230V) primary windings suitable for 50/60Hz operations and twin secondary windings suitable for connecting in series, parallel or centre tap, giving a wide range of output voltage and current combinations. With double section metric bobbins and manufactured and tested in accordance to EN60950, CE.

Power: 6 - 200VA 50/60Hz  
Temperature class: Class B (130°C)  
Dielectric strength: >3750Vrms



CODE	TYPE	PRICE
CODE	TYPE	PRICE
20-2040	Chassis Mount Transformer 6VA 0-6V 0-6V.....	£7.99
20-2042	Chassis Mount Transformer 6VA 0-9V 0-9V.....	£7.99
20-2044	Chassis Mount Transformer 6VA 0-12V 0-12V....	£7.99
20-2046	Chassis Mount Transformer 6VA 0-15V 0-15V....	£7.99
20-2048	Chassis Mount Transformer 12VA 0-6V 0-6V.....	£11.99
20-2050	Chassis Mount Transformer 12VA 0-9V 0-9V.....	£11.99
20-2052	Chassis Mount Transformer 12VA 0-12V 0-12V..	£11.99
20-2054	Chassis Mount Transformer 12VA 0-15V 0-15V..	£11.99
20-2056	Chassis Mount Transformer 20VA 0-6V 0-6V.....	£13.99
20-2058	Chassis Mount Transformer 20VA 0-9V 0-9V.....	£13.99
20-2060	Chassis Mount Transformer 20VA 0-12V 0-12V..	£13.99
20-2062	Chassis Mount Transformer 20VA 0-15V 0-15V..	£13.99
20-2064	Chassis Mount Transformer 20VA 0-18V 0-18V..	£13.99
20-2066	Chassis Mount Transformer 20VA 0-20V 0-20V..	£13.99
20-2068	Chassis Mount Transformer 20VA 0-24V 0-24V..	£13.99
20-2070	Chassis Mount Transformer 25VA 0-6V 0-6V.....	£17.99
20-2072	Chassis Mount Transformer 25VA 0-9V 0-9V.....	£17.99
20-2074	Chassis Mount Transformer 25VA 0-12V 0-12V..	£17.99
20-2076	Chassis Mount Transformer 25VA 0-15V 0-15V..	£17.99
20-2078	Chassis Mount Transformer 50VA 0-6V 0-6V.....	£19.99
20-2080	Chassis Mount Transformer 50VA 0-9V 0-9V.....	£19.99
20-2082	Chassis Mount Transformer 50VA 0-12V 0-12V..	£19.99
20-2084	Chassis Mount Transformer 50VA 0-15V 0-15V..	£19.99
20-2086	Chassis Mount Transformer 50VA 0-20V 0-20V..	£19.99
20-2088	Chassis Mount Transformer 100VA 0-12V 0-12V..	£29.99
20-2090	Chassis Mount Transformer 100VA 0-15V 0-15V..	£29.99
20-2092	Chassis Mount Transformer 100VA 0-18V 0-18V..	£29.99
20-2094	Chassis Mount Transformer 100VA 0-20V 0-20V..	£29.99
20-2096	Chassis Mount Transformer 100VA 0-50V 0-50V..	£29.99
20-2098	Chassis Mount Transformer 200VA 0-12V 0-12V..	£79.99
20-2100	Chassis Mount Transformer 200VA 0-15V 0-15V..	£79.99

CODE	TYPE	PRICE
20-2102	Chassis Mnt Transformer 230V 6VA 4.5V+4.5V..	£7.99
20-2104	Chassis Mnt Transformer 230V 6VA 6V+6V.....	£7.99
20-2106	Chassis Mnt Transformer 230V 6VA 7.5V+7.5V..	£7.99
20-2108	Chassis Mnt Transformer 230V 6VA 9V+9V.....	£7.99
20-2110	Chassis Mnt Transformer 230V 6VA 12V+12V....	£7.99
20-2112	Chassis Mnt Transformer 230V 6VA 18V+18V....	£7.99
20-2114	Chassis Mnt Transformer 230V 6VA 20V+20V....	£7.99
20-2116	Chassis Mnt Transformer 230V 6VA 24V+24V....	£7.99
20-2118	Chassis Mnt Transformer 230V 12VA 6V+6V.....	£11.99
20-2120	Chassis Mnt Transformer 230V 12VA 7.5V+7.5V..	£11.99
20-2122	Chassis Mnt Transformer 230V 12VA 9V+9V.....	£11.99
20-2124	Chassis Mnt Transformer 230V 12VA 12V+12V..	£11.99
20-2126	Chassis Mnt Transformer 230V 12VA 15V+15V..	£11.99
20-2128	Chassis Mnt Transformer 230V 12VA 18V+18V..	£11.99
20-2130	Chassis Mnt Transformer 230V 12VA 24V+24V..	£11.99
20-2132	Chassis Mnt Transformer 230V 20VA 6V+6V..	£13.99
20-2134	Chassis Mnt Transformer 230V 20VA 7.5V+7.5V..	£13.99
20-2136	Chassis Mnt Transformer 230V 20VA 9V+9V..	£13.99
20-2138	Chassis Mnt Transformer 230V 20VA 12V+12V..	£13.99
20-2140	Chassis Mnt Transformer 230V 20VA 15V+15V..	£13.99
20-2142	Chassis Mnt Transformer 230V 20VA 18V+18V..	£13.99
20-2144	Chassis Mnt Transformer 230V 20VA 20V+20V..	£13.99
20-2146	Chassis Mnt Transformer 230V 20VA 24V+24V..	£13.99
20-2148	Chassis Mnt Transformer 230V 50VA 6V+6V..	£22.99
20-2150	Chassis Mnt Transformer 230V 50VA 7.5V+12V..	£22.99
20-2152	Chassis Mnt Transformer 230V 50VA 15V+15V..	£22.99
20-2154	Chassis Mnt Transformer 230V 50VA 9V+9V..	£22.99
20-2156	Chassis Mnt Transformer 230V 50VA 12V+12V..	£22.99
20-2158	Chassis Mnt Transformer 230V 50VA 18V+18V..	£22.99
20-2160	Chassis Mnt Transformer 230V 50VA 20V+20V..	£22.99
20-2162	Chassis Mnt Transformer 230V 50VA 24V+24V..	£22.99
20-2164	Chassis Mnt Transformer 230V 75VA 6V+6V..	£33.99
20-2166	Chassis Mnt Transformer 230V 75VA 7.5V+7.5V..	£33.99
20-2168	Chassis Mnt Transformer 230V 75VA 9V+9V..	£33.99
20-2170	Chassis Mnt Transformer 230V 75VA 12V+12V..	£33.99
20-2172	Chassis Mnt Transformer 230V 75VA 15V+15V..	£33.99
20-2174	Chassis Mnt Transformer 230V 75VA 18V+18V..	£33.99
20-2176	Chassis Mnt Transformer 230V 75VA 20V+20V..	£33.99
20-2178	Chassis Mnt Transformer 230V 75VA 50V+50V..	£35.99
20-2180	Chassis Mnt Transformer 230V 100VA 6V+6V..	£35.99
20-2182	Chassis Mnt T/former 230V 100VA 7.5V+7.5V....	£35.99
20-2184	Chassis Mnt Transformer 230V 100VA 9V+9V..	£35.99
20-2186	Chassis Mnt T/former 230V 100VA 12V+12V..	£35.99
20-2188	Chassis Mnt T/former 230V 100VA 15V+15V..	£35.99
20-2190	Chassis Mnt T/former 230V 100VA 18V+18V..	£35.99
20-2192	Chassis Mnt T/former 230V 100VA 20V+20V..	£35.99
20-2194	Chassis Mnt T/former 230V 100VA 24V+24V..	£35.99
20-2196	Chassis Mnt T/former 230V 100VA 50V+50V..	£35.99

## PRODUCT CODES

### PLEASE NOTE

**IT IS VERY IMPORTANT TO USE  
THE CORRECT PRODUCT CODE  
FOR THE ITEMS YOU  
WISH TO ORDER**

**IT IS VITAL TO INCLUDE  
THE PUNCTUATION IN THE CODE  
AND TO FORMAT THE CODE  
AS SHOWN IN THE CATALOGUE**

**FREE PARKING FOR 2 HOURS  
OUTSIDE OF OUR SHOP**

# SQUIRES ELECTRONIC COMPONENTS

**CHASSIS MAINS TRANSFORMER WITH DUAL PRIMARY WINDINGS** a comprehensive range of high quality chassis mounting transformers with dual (115V+115V) primary windings suitable for 50/60Hz operations and twin independent secondary windings suitable for connecting in series, parallel or centre tap, giving a wide range of output voltage and current combinations. With double section metric bobbins and manufactured and tested in accordance to EN60950, CE.

Power: 6 - 200VA 50/60Hz  
Temperature class: Class B (130°C)  
Dielectric strength: >3750Vrms



CODE	TYPE	PRICE
20-2198	Chassis Mnt T/former 2 X 115v 6VA 4.5V+4.5V..	£7.99
20-2200	Chassis Mnt T/former 2 X 115v 6VA 6V+6V..	£7.99
20-2202	Chassis Mnt T/former 2 X 115v 6VA 7.5V+7.5V..	£7.99
20-2204	Chassis Mnt T/former 2 X 115v 6VA 9V+9V..	£7.99
20-2206	Chassis Mnt T/former 2 X 115v 6VA 12V+12V..	£7.99
20-2208	Chassis Mnt T/former 2 X 115v 6VA 15V+15V..	£7.99
20-2210	Chassis Mnt T/former 2 X 115v 6VA 18V+18V..	£7.99
20-2212	Chassis Mnt T/former 2 X 115v 6VA 20V+20V..	£7.99
20-2214	Chassis Mnt T/former 2 X 115v 6VA 24V+24V..	£7.99
20-2216	Chassis Mnt T/former 2 X 115v 12VA 6V+6V..	£11.99
20-2218	Chassis Mnt T/former 2 X 115v 12VA 7.5V+7.5V..	£11.99
20-2220	Chassis Mnt T/former 2 X 115v 12VA 12V+12V..	£11.99
20-2222	Chassis Mnt T/former 2 X 115v 12VA 18V+18V..	£11.99
20-2224	Chassis Mnt T/former 2 X 115v 12VA 20V+20V..	£11.99
20-2226	Chassis Mnt T/former 2 X 115v 12VA 24V+24V..	£11.99
20-2228	Chassis Mnt T/former 2 X 115v 20VA 6V+6V..	£13.99
20-2230	Chassis Mnt T/former 2 X 115v 20VA 7.5V+7.5V	£13.99
20-2232	Chassis Mnt T/former 2 X 115v 20VA 9V+9V..	£13.99
20-2234	Chassis Mnt T/former 2 X 115v 20VA 12V+12V..	£13.99
20-2236	Chassis Mnt T/former 2 X 115v 20VA 15V+15V..	£13.99
20-2238	Chassis Mnt T/former 2 X 115v 20VA 18V+18V..	£13.99
20-2240	Chassis Mnt T/former 2 X 115v 20VA 20V+20V..	£13.99
20-2242	Chassis Mnt T/former 2 X 115v 20VA 24V+24V..	£13.99
20-2244	Chassis Mnt T/former 2 X 115v 50VA 7.5V+7.5V	£22.99
20-2246	Chassis Mnt T/former 2 X 115v 50VA 9V+9V..	£22.99
20-2248	Chassis Mnt T/former 2 X 115v 50VA 12V+12V..	£22.99
20-2250	Chassis Mnt T/former 2 X 115v 50VA 15V+15V..	£22.99
20-2252	Chassis Mnt T/former 2 X 115v 50VA 18V+18V..	£22.99
20-2254	Chassis Mnt T/former 2 X 115v 50VA 24V+24V..	£22.99
20-2256	Chassis Mnt T/former 2 X 115v 75VA 6V+6V..	£26.99
20-2258	Chassis Mnt T/former 2 X 115v 75VA 7.5V+7.5V	£26.99
20-2260	Chassis Mnt T/former 2 X 115v 75VA 9V+9V..	£26.99
20-2262	Chassis Mnt T/former 2 X 115v 75VA 15V+15V..	£26.99
20-2264	Chassis Mnt T/former 2 X 115v 75VA 18V+18V..	£26.99
20-2266	Chassis Mnt T/former 2 X 115v 75VA 12V+12V..	£26.99
20-2268	Chassis Mnt T/former 2 X 115v 75VA 20V+20V..	£26.99
20-2270	Chassis Mnt T/former 2 X 115v 100VA 6V+6V..	£35.99
20-2272	Chassis Mnt T/former 2 X 115v 100VA 9V+9V..	£35.99
20-2274	Chassis Mnt T/former 2 X 115v 100VA 12V+12V	£35.99
20-2276	Chassis Mnt T/former 2 X 115v 100VA 18V+18V	£35.99
20-2278	Chassis Mnt T/former 2 X 115v 100VA 20V+20V	£35.99
20-2280	Chassis Mnt T/former 2 X 115v 100VA 24V+24V	£35.99

**MINIATURE OPEN STYLE TOROIDAL TRANSFORMERS** a high quality miniature mains mounting toroidal transformers with flying leads. Single primary winding of 0-115V-230V and twin secondary windings suitable for series, parallel and centre tap connections, giving a wide choice of output voltage and current combinations. It has low magnetic stray field emissions, high efficiency and is 100% electrical and flash tested. Resin filled centre with M4 through hole for easy mounting and leads 150mm long, stripped and tinned 6mm. Insulation class - Class A (105°C), maximum operating ambient temperature 40°C

Designed, tested and manufactured in accordance with EN60742, EN60950 and EN60065. Mounting screw not supplied.



Rating	1.6VA	3.2VA	5.0VA	7.0VA
Diameter(mm)	42	43	50	51
Height(mm)	23	24	24	24
Weight(kg)	0.13	0.14	0.17	0.19

CODE	TYPE	PRICE
20-2620	Mini Toroidal T/former 3.2VA 9V+9V 0.178A.....	£16.99
20-2622	Mini Toroidal T/former 5.0VA 9V+9V 0.278A.....	£16.99
20-2624	Mini Toroidal T/former 7.0VA 7V+7V 0.500A.....	£17.99
20-2626	Mini Toroidal T/former 7.0VA 9V9V7V 0.389A.....	£17.99
20-2628	Mini Toroidal T/former 7.0VA 12V+12V 0.292A...	£17.99

**TOROIDAL TRANSFORMERS** these high quality open style toroidal transformers have been manufactured with twin primary 115+115V and secondary windings. They are designed and manufactured to strict quality control in accordance with EN61558 and EN60950, UL, C-UL and CE. 100% electrical and flash tested. Supplied with mounting kit.



CODE	TYPE	PRICE
20-2630	Toroidal T/former 15VA 0-6V 0-6V.....	£16.99
20-2632	Toroidal T/former 15VA 0-9V 0-9V.....	£16.99
20-2634	Toroidal T/former 15VA 0-12V 0-12V.....	£16.99
20-2636	Toroidal T/former 15VA 0-15V 0-15V.....	£16.99
20-2638	Toroidal T/former 15VA 0-18V 0-18V.....	£16.99
20-2640	Toroidal T/former 15VA 0-25V 0-25V.....	£16.99
20-2642	Toroidal T/former 30VA 0-6V 0-6V.....	£20.99
20-2644	Toroidal T/former 30VA 0-9V 0-9V.....	£20.99
20-2646	Toroidal T/former 30VA 0-12V 0-12V.....	£20.99
20-2648	Toroidal T/former 30VA 0-15V 0-15V.....	£20.99
20-2650	Toroidal T/former 30VA 0-18V 0-18V.....	£20.99
20-2652	Toroidal T/former 30VA 0-25V 0-25V.....	£20.99
20-2654	Toroidal T/former 50VA 0-6V 0-6V.....	£21.99
20-2656	Toroidal T/former 50VA 0-9V 0-9V.....	£21.99
20-2658	Toroidal T/former 50VA 0-12V 0-12V.....	£21.99
20-2660	Toroidal T/former 50VA 0-15V 0-15V.....	£21.99
20-2662	Toroidal T/former 50VA 0-18V 0-18V.....	£21.99
20-2664	Toroidal T/former 50VA 0-25V 0-25V.....	£21.99
20-2666	Toroidal T/former 60VA 0-9V 0-9V.....	£22.99
20-2668	Toroidal T/former 60VA 0-12V 0-12V.....	£22.99
20-2670	Toroidal T/former 60VA 0-15V 0-15V.....	£22.99
20-2672	Toroidal T/former 60VA 0-18V 0-18V.....	£22.99
20-2674	Toroidal T/former 60VA 0-25V 0-25V.....	£22.99
20-2676	Toroidal T/former 80VA 0-9V 0-9V.....	£24.99
20-2678	Toroidal T/former 80VA 0-12V 0-12V.....	£24.99
20-2680	Toroidal T/former 80VA 0-15V 0-15V.....	£24.99
20-2682	Toroidal T/former 80VA 0-18V 0-18V.....	£24.99
20-2684	Toroidal T/former 80VA 0-25V 0-25V.....	£24.99
20-2686	Toroidal T/former 100VA 0-9V 0-9V.....	£27.99

**IF THERE ARE ANY ITEMS  
THAT WE HAVE FORGOTTEN  
WHILST ADDING OUR NEW RANGES**

**PLEASE FEEL FREE  
TO LET US KNOW**

# SQUIRES MODEL & CRAFT TOOLS

20-2688	Toroidal T/former 100VA 0-12V 0-12V.....	£27.99
20-2690	Toroidal T/former 100VA 0-15V 0-15V.....	£27.99
20-2692	Toroidal T/former 100VA 0-18V 0-18V.....	£27.99
20-2694	Toroidal T/former 100VA 0-25V 0-25V.....	£27.99
20-2696	Toroidal T/former 120VA 0-12V 0-12V.....	£29.99
20-2698	Toroidal T/former 120VA 0-18V 0-18V.....	£29.99
20-2700	Toroidal T/former 120VA 0-25V 0-25V.....	£29.99
20-2702	Toroidal T/former 120VA 0-30V 0-30V.....	£29.99
20-2704	Toroidal T/former 120VA 0-55V 0-55V.....	£29.99
20-2706	Toroidal T/former 160VA 0-12V 0-12V.....	£36.99
20-2708	Toroidal T/former 160VA 0-15V 0-15V.....	£36.99
20-2710	Toroidal T/former 160VA 0-18V 0-18V.....	£36.99
20-2712	Toroidal T/former 160VA 0-25V 0-25V.....	£36.99
20-2714	Toroidal T/former 160VA 0-30V 0-30V.....	£36.99
20-2716	Toroidal T/former 160VA 0-55V 0-55V.....	£36.99
20-2718	Toroidal T/former 225VA 0-12V 0-12V.....	£49.99
20-2720	Toroidal T/former 225VA 0-15V 0-15V.....	£49.99
20-2722	Toroidal T/former 225VA 0-18V 0-18V.....	£49.99
20-2724	Toroidal T/former 225VA 0-25V 0-25V.....	£49.99
20-2726	Toroidal T/former 300VA 0-12V 0-12V.....	£54.99
20-2728	Toroidal T/former 300VA 0-15V 0-15V.....	£54.99
20-2730	Toroidal T/former 300VA 0-18V 0-18V.....	£54.99
20-2732	Toroidal T/former 300VA 0-25V 0-25V.....	£54.99
20-2734	Toroidal T/former 300VA 0-30V 0-30V.....	£54.99
20-2736	Toroidal T/former 300VA 0-35V 0-35V.....	£54.99
20-2738	Toroidal T/former 300VA 0-55V 0-55V.....	£54.99
20-2740	Toroidal T/former 500VA 0-30V 0-30V.....	£81.99
20-2742	Toroidal T/former 500VA 0-35V 0-35V.....	£81.99
20-2744	Toroidal T/former 500VA 0-50V 0-50V.....	£81.99
20-2746	Toroidal T/former 500VA 0-55V 0-55V.....	£81.99
20-2748	Toroidal T/former 625VA 0-40V 0-40V.....	£91.99
20-2750	Toroidal T/former 625VA 0-55V 0-55V.....	£91.99
20-2752	Toroidal T/former 800VA 0-40V 0-40V.....	£99.99

**ENCAPSULATED TOROIDAL TRANSFORMERS** a high quality range of encapsulated toroidal transformers of robust construction featuring a centre hole fixing and flying lead connections. The flying leads exit through the side of the unit instead of the bottom like the majority of encapsulated toroidals available. This makes access much easier when the transformer is mounted. The transformers feature a single 230V AC 50/60Hz primary winding that can be connected in series, parallel or centre tap enabling a wide choice of voltage and current combinations to be selected. They are flash tested at 4000V rms, fully encapsulated to UL 94V-0 and have a low level of radiated magnetic field. Operating frequency is 50/60Hz, maximum ambient operating temperature is 40°C and meets all requirements of class A (105°C). The flying leads are 150mm long, stripped 5mm. Manufactured in accordance with EN60742, EN60065 and EN60950, UL recognised to UL 1411 file E115159. Mounting screw not supplied.



Rating	15VA	30VA	50VA	80VA	100VA	120VA	160VA
Regulation(%)	20	16	14	11	11	10	9
Height (mm)	35	39	42	44	52	52	53
Diameter (mm)	63	82	87	96	104	104	115
Weight (kg)	0.36	0.6	0.8	1.1	1.2	1.62	2.05
Mounting bolt	M5	M5	M5	M6	M6	M6	M6

CODE	TYPE	PRICE
20-2608	Encaps Toroidal T/former 15VA 15V+15V 0.5A...	£24.99
20-2610	Encaps Toroidal T/former 15VA 25V+25V 0.3A...	£24.99
20-2612	Encaps Toroidal T/former 30VA 9V+9V 1.67A.....	£29.99
20-2614	Encaps Toroidal T/former 30VA 12V+12V 1.25A.	£29.99
20-2616	Encaps Toroidal T/former 50VA 12V+12V 2.08A.	£39.99
20-2618	Encaps Toroidal T/former 80VA 12V+12V 3.33A.	£49.99

**AUTO TRANSFORMERS** a range of step-up/step-down auto-transformers 0-110-220-230-240V, 50/60Hz that employ a single non-isolated winding to step up or step down the available line voltage to match the requirements of the load. Examples include supply to fridges, air conditioners, compressors etc. With its small size and weight, the auto-transformer can be installed easily in existing equipment. Connection is made by insulated terminal block and the windings are covered with metal shrouds. Power ratings 50 to 1000VA, Insulating rating: Class B.



CODE	TYPE	PRICE
20-2036	Auto Transformer 50VA.....	£34.99
20-2038	Auto Transformer 1000VA.....	£123.99

**LIGHTING TRANSFORMER** a 60W electronic lighting transformer pre-wired with a 20cm input lead and a 20cm output lead and allows connection of up to 6x 10W or 3x 20W under cabinet lights. It is fully dimmable with resistive and inductive dimmers. 1.5kW surge protection - EN61547-A1, Safety compliance - EN61347, EMC compliance - EN55015, EN61000, EN61547+A1.

Input voltage	240V ± 10% - 50/60Hz
Line current	0.25A
Output voltage	11.4V AC
Max. ambient temperature	50°C (ta)
Output frequency	40kHz
Max. case temperature	75°C (tc)
Nominal power	20-60VA
Dimensions LxWxH (mm)	100 x 40 x 20
Min. load for dimming	35W



CODE	TYPE	PRICE
20-2284	Lighting Transformer 20W - 60W.....	£11.99

**ULTRA SLIMLINE LIGHTING TRANSFORMER** an ultra low profile 60W electronic lighting transformer. Ideal for furniture and cabinet applications where space is at a premium or concealment is required. It is fully dimmable with resistive or inductive dimmers and has secondary side AMP sockets (AU-SF60A) for quick connection and remote installation of furniture and cabinet lights. 1.5kW surge protection - EN61547-A1, Safety compliance - EN61347, EMC compliance - EN55015, EN61000, EN61547+A1.

Input voltage	240V ± 10% - 50/60Hz
Line current	0.27A
Output voltage	11.5V AC
Max. ambient temperature	50°C (ta)
Output frequency	40kHz
Max. case temperature	75°C (tc)
Nominal power	20-60VA
Dimensions LxWxH (mm)	165 x 47 x 13
Min. load for dimming	35W



CODE	TYPE	PRICE
20-2286	Ultra Slim Lighting Transformer 11mm 60W.....	£11.99

## FERRITE ROD

**FERRITE ROD 100MM** a ferrite rod material with flattened profile suitable for construction of aeriels. The rod may be cut to size as required. Dimensions L100 x 10mm dia x 9mm A.F.



CODE	TYPE	PRICE
882-000	Ferrite Rod 100mm.....	£1.50