











## PRODUCT DATASHEET

### 30VA LOW PROFILE ENCAPSULATED TRANSFORMER



-  Independantly Approved #1 to  
**EN60950 UL506 cUL506 & CSA 22.2**
-  CE Marked
-  Dual 115V Primaries
-  Comprehensive choice of secondary voltages
-  5KV Isolation between primary and secondary windings.
-  UL94- V0 Vacuum Encapsulated Construction
-  Suitable for flow soldering
-  Identical footprint from 10VA to 30VA

Weight	0.540	Kg	 
Typical Regulation	15	%	
Frequency	50/60	Hz	
Max Ambient	40	°C	
Bobbin Material	UL94-V0	"B" 130 °C	

Part No	Primary	Secondary	Reccomended Secondary Fuse
D2048	115+115	6+6	2.500AT
D2049	115+115	9+9	1.600AT
D2050	115+115	12+12	1.250AT
D2051	115+115	15+15	1.000AT
D2095	115+115	18+18	0.800AT
D2799 #1	115+115	24+24	0.630AT

Please see sheet 2 for outline drawing and connection info.  
#1 D2799 carries no approvals.

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E-mail sales@dagnall-electronics.com

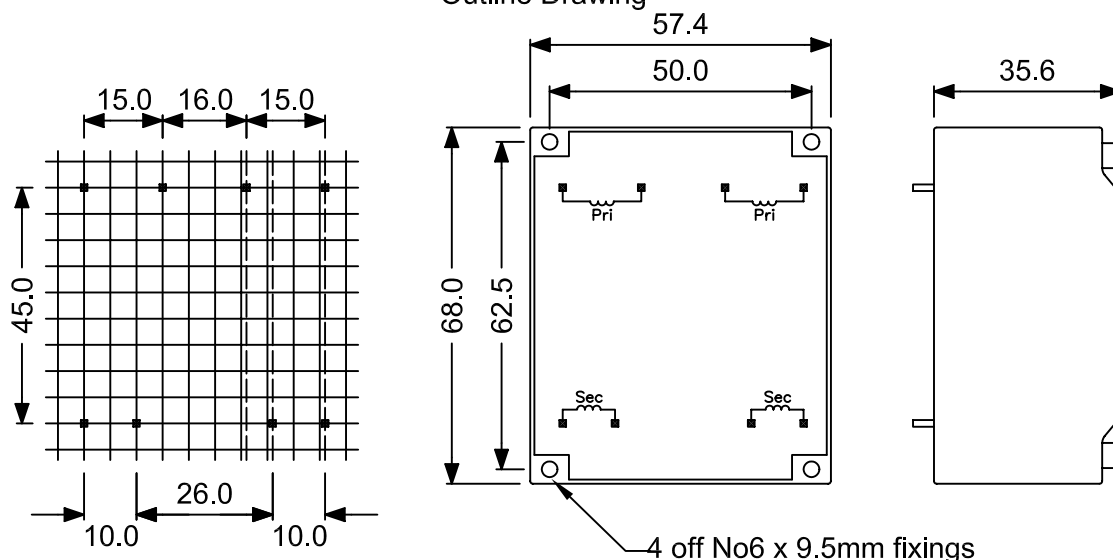
Issue 2. 27/05/03

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## PRODUCT DATASHEET

### 30VA Approved Low Profile Encapsulated Transformer

Outline Drawing

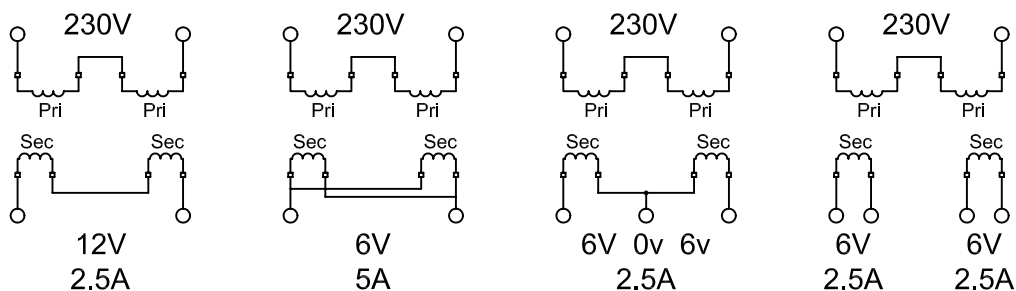


5mm pin grid

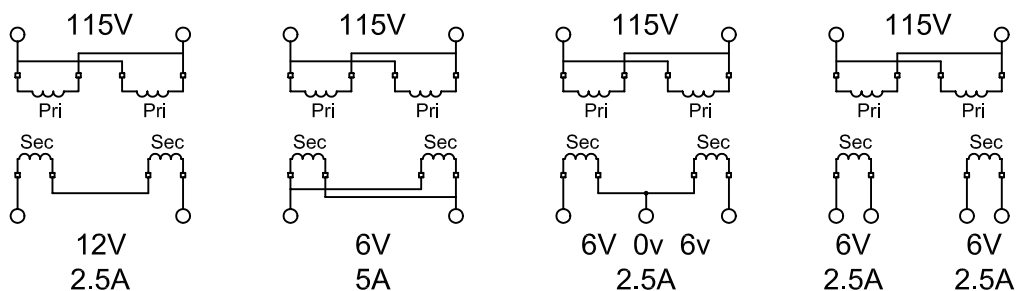
PCB Pins 0.635mm sq

Pin length 5.0mm Hole size 1.0mm

Connection Diagrams for D2048 - 230V supply



Connection Diagrams for D2048 - 115V supply



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Rowland Laboratories Ltd.

## Certificate of Compliance

Cert No: 9209

Relating to **DAGNALL ELEC. LOW PROFILE ENCAPSULATED  
TRANSFORMER RANGE, 6VA-30VA**

No. of samples inspected **ONE**

Specifications to which above unit has been tested and  
compliance confirmed.

### THE RELEVANT CLAUSES OF BS EN 60950: 1992 COVERING CLAUSES

**1, 2, 3, 4 & 5 ONLY**\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

*In our opinion the sample complies with the Principal Elements of  
the Safety Objectives of the Low Voltage Directive 73/23/EEC*

Client **DAGNALL ELECTRONICS LTD**

**WOOD END ROAD**

**CRANFIELD**

**BEDS**

**MK 43 0ED**

Signed

PETER CROSS

Certifying Officer

Date of Issue

06.11.96

Relating to Laboratory Report No. **21067 & 20720**

THIS CERTIFICATE OF COMPLIANCE  
MUST BE READ IN CONJUNCTION WITH  
LABORATORY REPORT NO.: **20720**







**Underwriters Laboratories Inc.®**

DAGNALL ELECTRONICS LTD  
MR R BARTON  
ELMS INDUSTRIAL ESTATE  
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BEDFORD  
MK41 0EP ENGLAND UNITED KINGDOM

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North Carolina • (919) 549-1400  
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**RE: Project Number(s) - 01ME19066**

Your most recent Certification is shown below. You may also view this information, or a portion of this information (depending on the product category), on UL's Online Certifications Directory at [www.ul.com/database](http://www.ul.com/database). Please review the text and contact the Conformity Assessment Services staff member who handled your project if revisions are required. For instructions on placing an order for this information in a 3 x 5-inch format, you may refer to the enclosed order form for UL Card Service.

**XPTQ2** February 18, 2002  
**Transformers, General Purpose - Component**

**DAGNALL ELECTRONICS LTD**  
**ELMS INDUSTRIAL ESTATE SHUTTLEWORTH RD BEDFORD,**  
**MK41 0EP ENGLAND UNITED KINGDOM**

**E178378**

Cat. Nos. D2005 thru D2210.  
Cat. No. D9122.  
Marking: Company name or File No. and catalog designation.

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**See General Information Preceding These Recognitions**  
For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.





# Certificate of Compliance

Certificate Number: LR 110435-2

Revision:

Date Issued: January 9, 1998

Issued to: **Dagnall Electronics Ltd.**  
**Wood End Rd.,**  
**Cranfield,**  
**Bedfordshire MK43 OED England**  
**Attention: Mr. Roy Barton**

*The products listed below are eligible to bear the CSA Mark*

Issued by: **M. Lloyd**  
**Toronto, ON Canada**

Signature: \_\_\_\_\_

## PRODUCTS

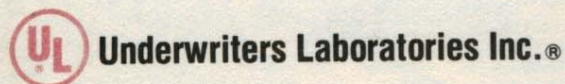
Power Transformers Series D2XXX, Primary; Dual Winding 2 by 120V max, 50/60Hz, Single Winding 240V max, 50/60Hz; Secondary 2 by 24V max, 30VA max, encapsulated, pwb mounted for use in equipment where the suitability of the combination is to be determined by the Canadian Standards Association.

## APPLICABLE REQUIREMENTS

CSA Std C22.2 No.

66-1988-Specialty Transformers





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DAGNALL ELECTRONICS (CRANFIELD) LTD  
MR R BARTON  
WOOD END RD  
CRANFIELD  
BEDFORD  
MK43 0ED ENGLAND UNITED KINGDOM



Your most recent listing is shown below. Please review this information and report any inaccuracies to the UL Engineering staff member who handled your UL project.

XPTQ8 March 12, 1998  
Component - Transformers, General Purpose Certified for Canada

DAGNALL ELECTRONICS (CRANFIELD) LTD  
WOOD END RD CRANFIELD BEDFORD, MK43 0ED ENGLAND  
UNITED KINGDOM

E178378 (M)

Cat. Ns. 2005 thru 2210 and 3000 thru 5074. Cat. Nos. 2005-2210 are prefixed by letter D.  
Marking: Company name, File No. catalog designation and the Recognized Component Mark for Canada



See General Information Preceding These Recognitions.  
For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.  
Report: March 13, 1998.

398531001

Underwriters Laboratories Inc.®

011/0341035  
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For information on placing an order for UL Listing Cards in a 3 x 5 inch card format, please refer to the enclosed ordering information.

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