



SPECIFICATION CONTROL DRAWING

NOTE: This page provides a running history of changes for a multi-page drawing with the revision letter associated with each change on each page. When making a change, list for each page all before-and-after numbers (within reason; use judgement, and use "extensive" revision note if loss of past history is tolerable, or retype complete page) and associate with each a symbol made up of the change letter and a serial subscript to appear here and on the page involved (there enclosed in a circle, triangle, or other attention-getting outline). Example, for a B revision: "Page 1: B1 1.25 was 1.28; B2 deleted 1.05 dim; page 2: B3 uAdc was mAdc; page 3: B4 extensive revision; page 5 B5 retyped without change."

[illegible]

TRANSFORMER, POWER

H-P Stock Number 9100- 3409

T-30030

Approval:

Page 1 of 4

See * for Rev. Ltr.

Dwg. No. A-9100-3409-1

1. SCOPE

This specification indicates the detail requirements for a power transformer of the H-P stock number indicated in the title block below.

2. REFERENCED DOCUMENTS

The following document (of revision letter in effect on date of invitation for bids) is incorporated by reference as a part of this specification:

H-P drawing A-9100-9100-1, General Specification for Power Transformers

(Copies are available from Materials Engineering, Hewlett-Packard Company, 1501 Page Mill Road, Palo Alto, California 94304. Upon revision, up-dated copies will routinely be sent to all manufacturers who are approved sources for at least one H-P power transformer.)

3. DEFINITIONS

Except as may be contained in subsequent pages, definitions are as contained in the General Specification.

4. DETAIL REQUIREMENTS

4.1 Insulation: Class (130°C) (See H-P dwg. A-9100-9100-1 Sec. 5.1.1)

4.2 Operating environment: Class B (See H-P dwg. A-5950-5344-1)

4.3 Max. temperature rise 60°C above 70°C ambient.

5. ELECTRICAL SPECIFICATIONS:

5.1 See page 3. Additional requirements if any are noted on page 5.

6. MECHANICAL SPECIFICATIONS:

6.1 See page 4. Additional requirements if any are noted on page 5 et seq.

Date typed:	TRANSFORMER, POWER	Approval: 	Page 2 of 4					
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HEWLETT  PACKARD

SPECIFICATION CONTROL DRAWING

Full Load:

No Load:

Notes:

V_{rms} _____
dc X

A_{rms} _____
dc X

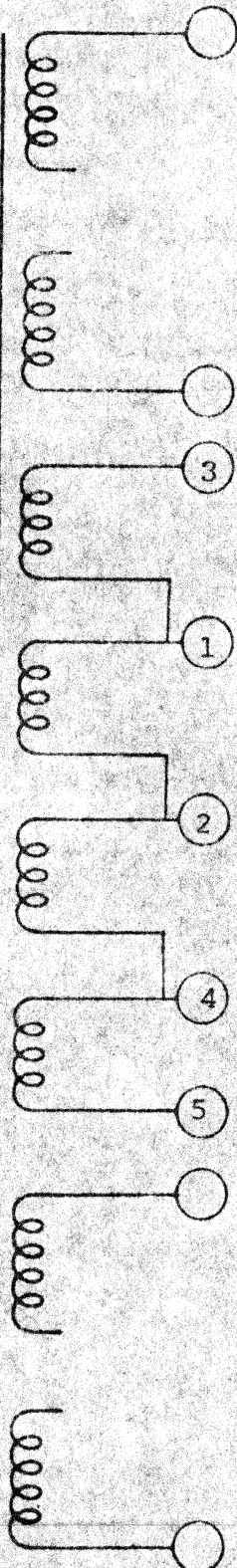
V_{rms} _____
 $\pm 3\%$

See H-P dwg.
A-9100-9100-1 Sec. 5.1.5

$\frac{100, 115}{200, 230} V \pm 10\%$
50/60 Hz

16" BLK
16" BLK/WHT
16" BLK/YEL
16" BLK/GRN
16" BLK/RED

All PRIMARY
LEADS SHALL BE
22 GA.



+34.0

1.00A

28.2
(to 2)

2-3 with 2-5
Full wave Rect.
5000 μ FD

+18.0

5.5A

16.7

2-1 with 2-4
Full Wave Rect.
13800 μ Fd

-19.5

0.30A

16.7

2-1 with 2-4
Full Wave Rect.
5000 μ Fd

28.2
(to 2)

Date typed:

TRANSFORMER, POWER

Approval:

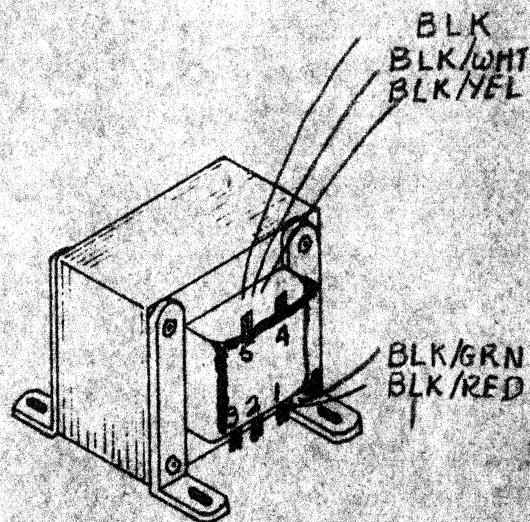
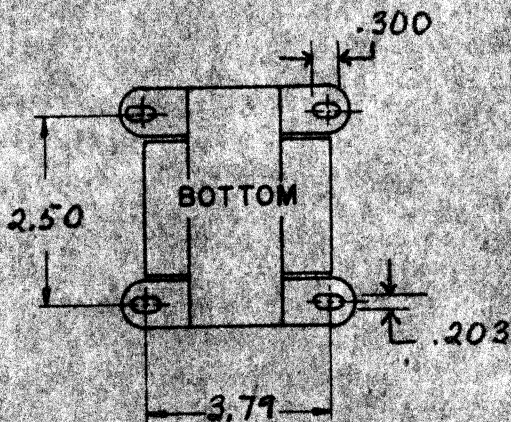
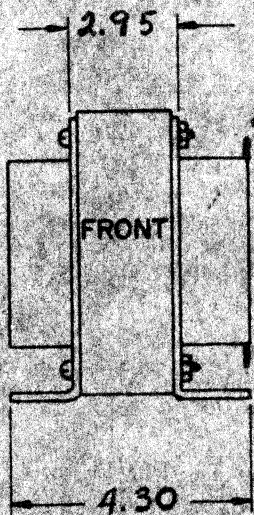
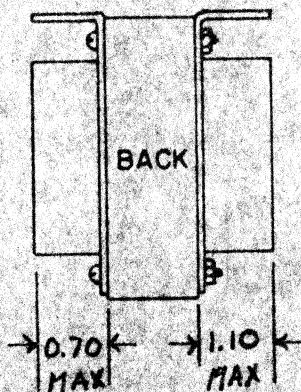
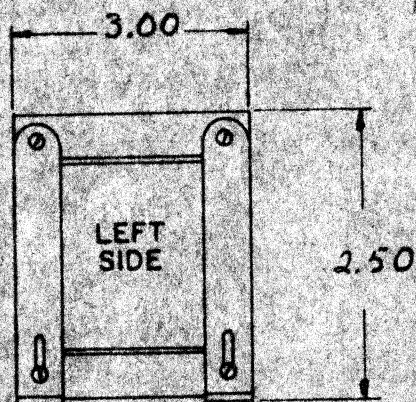
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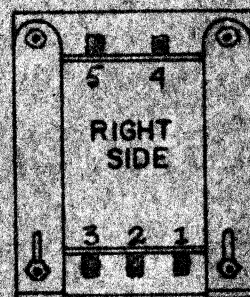
Stock Number 9100-3409

Dwg No. 9100-3409

Rev. A



SOLDER LUG TERMINAL 5



MOUNTING SURFACE
MUST BE IN SAME
PLANE ± 0.010 INCH

TERMINAL TO ACCEPT
18 GA. WIRE

Date typed:

TRANSFORMER, POWER

Approval: *Don Th...*

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Rev. history on p. 1

hp Stock Number 9100- 3409

Dwg No. 9100-3409 Rev. A