



**Mercury Magnetics**

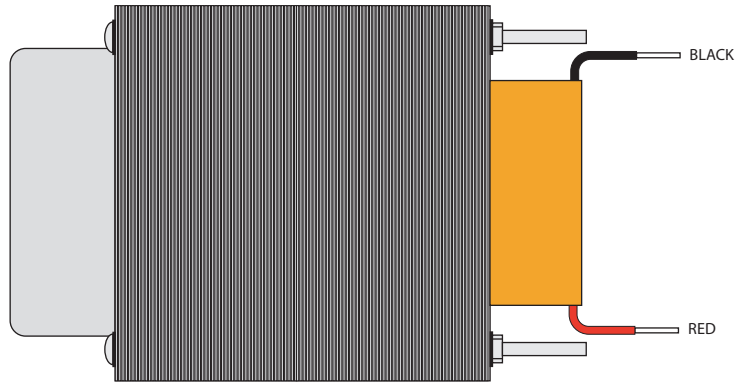
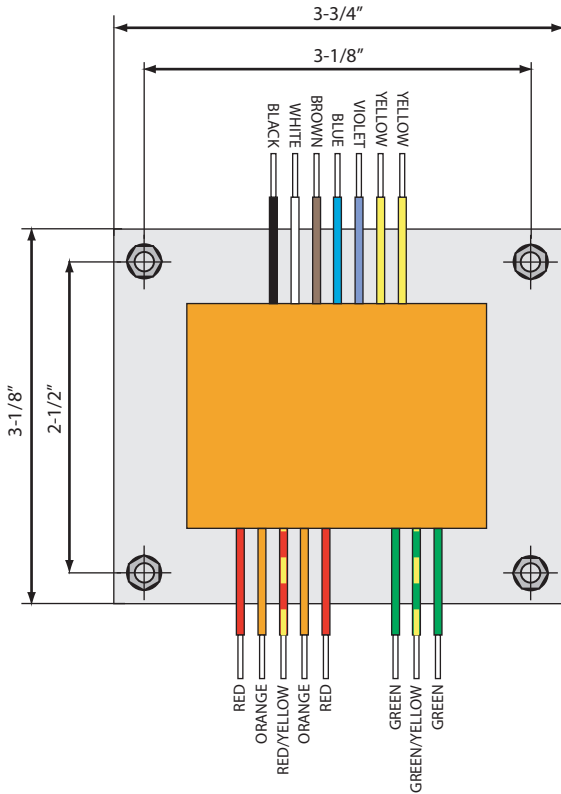
9167 Independence Ave. • Chatsworth, CA 91311

(818) 998-7791 • FAX (818) 998-7835

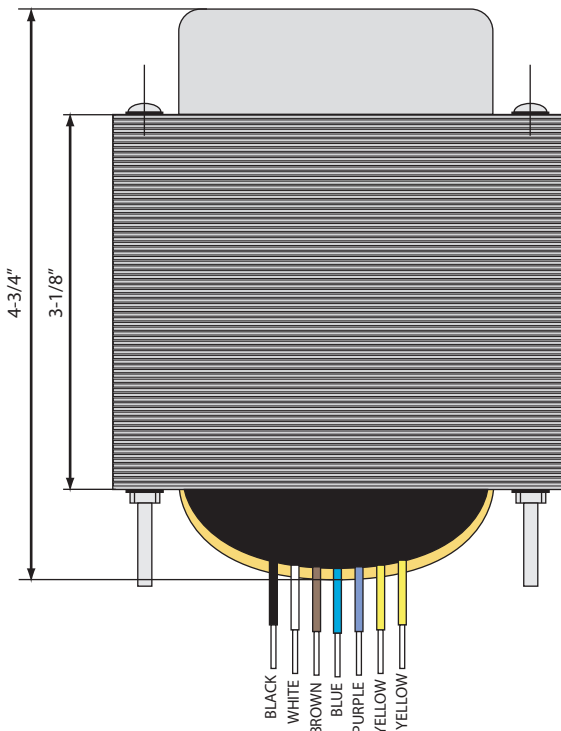
info@MercuryMagnetics.com • www.MercuryMagnetics.com

100% of our products are designed & handmade in So. California, USA. • Established in 1954

**JTM45-RI-P**

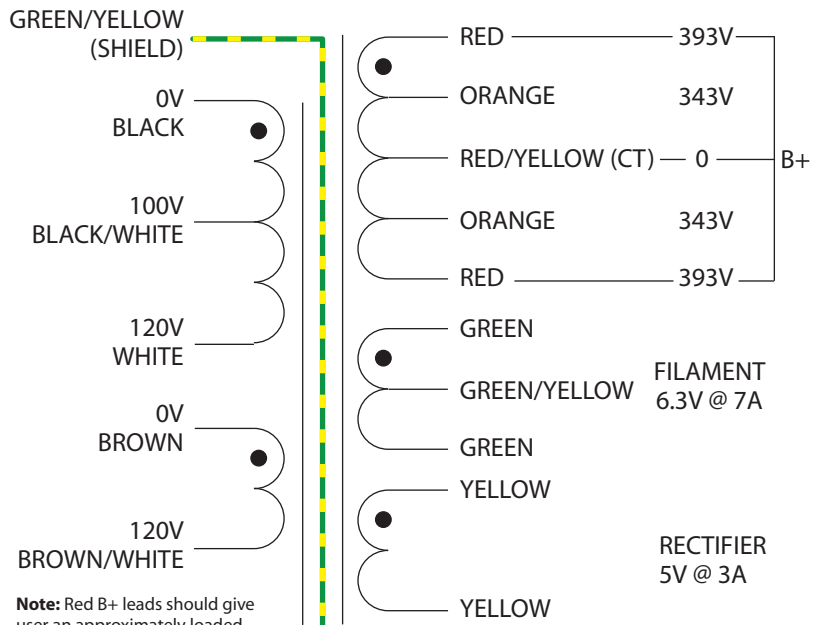


(All dimensions are nominal)



**PRIMARY (INPUT)**

**SECONDARY (OUTPUT)**



**Note:** Red B+ leads should give user an approximately loaded 440-450 B+. Orange B+ leads give user an approximate 380-390 B+. Orange leads are stock reissue unloaded B+ voltage.

Note: Black dots indicate polarity—start of winding.

**Marshall JTM45 (40–65 watts)**

**CLASS:** Axiom®

**TYPE:** Power Transformer

**PART NO.:** JTM45-RI-P

**ORIGINAL MARSHALL PART NO:** N/A

**MOUNTING:** Flat Mount (standard) other mounting styles available upon request

**VA RATING:** 110VA

**DATE:** 02-03-06 / 12-08-10R

**JTM45-RI-P**



## Example of UNIVERSAL VOLTAGE PRIMARY (for Professional Use Only)

**CAUTION:** Any changes in the configuration must be performed by a qualified professional.

**WARNING:** With a **Mercury Universal Voltage Primary** power transformer BOTH *primary* windings MUST be used. Failure to use BOTH windings will damage the power transformer.

Here's an example how it works (the following pertains to the PRIMARY side of the accompanying diagram):

### For 100V usage –

- Connect the **Brown** (PRIMARY #1) and the **Black** (PRIMARY #2) leads together.
- Connect the **Brown/White-striped** (PRIMARY #1) and the **White** (PRIMARY #2) leads together. Then cap off and isolate (float) them. *DO NOT connect to ground!*
- Use the **Brown** and the **Black**, from **A** above, and the **Black/White-Striped** (PRIMARY #2) as the two AC connection leads.

### For 120V usage –

- Connect the **Brown** (PRIMARY #1) and the **Black** (PRIMARY #2) leads together.
- Connect the **Brown/White-striped** (PRIMARY #1) and the **White** (PRIMARY #2) leads together.
- Cap off and isolate (float) the **Black/White-striped** (PRIMARY #2) lead. *DO NOT connect to ground!*
- Use the two leads from steps **B** and **C** as the two AC connection leads.

### For 220V usage –

- Connect the **Brown/White-striped** (PRIMARY #1) and the **Black** (PRIMARY #2) leads together. Then cap off and isolate (float) them. *DO NOT connect to ground!*
- Cap off and isolate (float) the **White** (PRIMARY #2) lead. *DO NOT connect to ground!*
- Use the **Brown** (PRIMARY #1) lead and the **Black/White-striped** (PRIMARY #2) as the two AC connection leads.

### For 230/240V usage –

- Connect the **Brown/White-striped** (PRIMARY #1) and the **Black** (PRIMARY #2) leads together. Then cap off and isolate (float) them. *DO NOT connect to ground!*
- Cap off and isolate (float) the **Black/White-striped** (PRIMARY #2) lead. *DO NOT connect to ground!*
- Use the **Brown** (PRIMARY #1) and the **White** (PRIMARY #2) as the two AC connection leads.

