

GEI INC.

High voltage (spark) transformers & control circuits
for various HVAC applications.



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FLAT SECONDARY PIN (EXAMPLE)

1. PRIMARY: 10 $\frac{1}{2}$ TURN 1 UEW-0.45
2. SECONDARY: 3420 TURN 1 UEW-0.057
3. HYPOT 1250VAC BETWEEN PRIMARY AND SECONDARY
4. MAXIMUM AMBIENT OPERATING TEMPERATURE: 85° C
5. FILL MATERIAL: EPOXY, VACUUM FORMED
6. PEAK PRIMARY CURRENT: 60 AMPS
7. ADDITIONAL ELECTRICAL SPECS (FOR REF. ONLY)
 - PRIMARY: 0.04 $\Omega \pm 25\%$, 5 $\mu\text{H} \pm 30\%$
 - SECONDARY: 1150 $\Omega \pm 25\%$, 340 $\mu\text{H} \pm 30\%$
 - MEASURED AT 1 KHz, 75° F



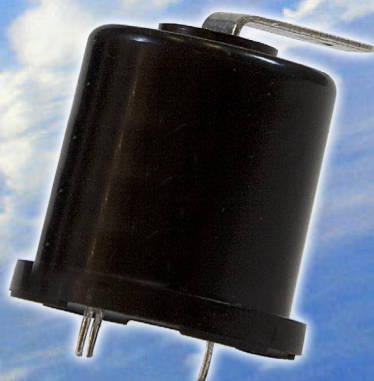
COPPERHEAD SECONDARY PIN (EXAMPLE)

1. PRIMARY: 23 $\pm \frac{1}{2}$ TURN 1 UEW-0.45
2. SECONDARY: 3420 TURN 1 UEW-0.057
3. HYPOT 1250VAC BETWEEN PRIMARY AND SECONDARY
4. MAXIMUM AMBIENT OPERATING TEMPERATURE: 85° C
5. FILL MATERIAL: EPOXY, VACUUM FORMED
6. PEAK PRIMARY CURRENT: 60 AMPS
7. ADDITIONAL ELECTRICAL SPECS (FOR REF. ONLY)
 - PRIMARY: 0.076 $\Omega \pm 25\%$, 18 $\mu\text{H} \pm 15\%$
 - SECONDARY: 1150 $\Omega \pm 20\%$, 340 $\mu\text{H} \pm 15\%$
 - MEASURED AT 1 KHz, 75° F



SCREW-NAIL SECONDARY PIN (EXAMPLE)

1. PRIMARY: 18 $\pm \frac{1}{2}$ TURN 1 UEW-0.45
2. SECONDARY: 3420 TURN 1 UEW-0.06
3. HYPOT 1250VAC BETWEEN PRIMARY AND SECONDARY
4. MAXIMUM AMBIENT OPERATING TEMPERATURE: 85° C
5. FILL MATERIAL: EPOXY, VACUUM FORMED
6. PEAK PRIMARY CURRENT: 60 AMPS
7. ADDITIONAL ELECTRICAL SPECS (FOR REF. ONLY)
 - PRIMARY: 0.06 $\Omega \pm 30\%$, 12 $\mu\text{H} \pm 15\%$
 - SECONDARY: 1150 $\Omega \pm 30\%$, 340 $\mu\text{H} \pm 15\%$
 - MEASURED AT 1 KHz, 75° F



RIGHT-ANGLE FLAT SECONDARY PIN (EXAMPLE)

1. PRIMARY: 23 $\pm \frac{1}{2}$ TURN 1 UEW-0.45
2. SECONDARY: 3900 TURN 1 UEW-0.057
3. HYPOT 1250VAC BETWEEN PRIMARY AND SECONDARY
4. MAXIMUM AMBIENT OPERATING TEMPERATURE: 85° C
5. FILL MATERIAL: EPOXY, VACUUM FORMED
6. PEAK PRIMARY CURRENT: 60 AMPS
7. ADDITIONAL ELECTRICAL SPECS (FOR REF. ONLY)
 - PRIMARY: 0.076 $\Omega \pm 20\%$, 18 $\mu\text{H} \pm 15\%$
 - SECONDARY: 1300 $\Omega \pm 20\%$, 470 $\mu\text{H} \pm 15\%$
 - MEASURED AT 1 KHz, 75° F