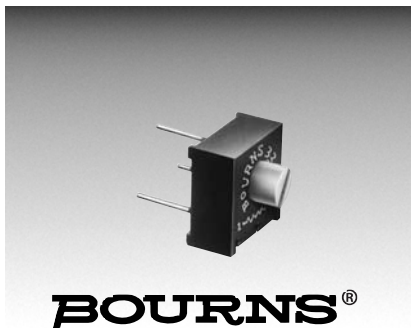




Features

- 3/8 " Square / Single-Turn / Cermet Industrial / Sealed High Voltage Focus Control
- Designed for electrostatic focus control applications on monochrome or color CRTs
- Rated at 1 KV D.C. and 600 VDC input voltage



Model 3386-HV2 & 3386-HV3 are obsolete and not recommended for new designs.

- High stability cermet element
- Available with optional red knob
- For trimmer applications/processing guidelines, [click here](#)

3386-HV2/3386-HV3 - 3/8 " Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range 2.5 and 5 megohms
Resistance Tolerance $\pm 20\%$
Contact Resistance Variation 2 % max.
Adjustability
Voltage Divider $\pm 0.05\%$
Rheostat $\pm 0.15\%$
Resolution Infinite
Insulation Resistance @ 1 KV D.C. 1,000 megohms min.
Dielectric Strength (5,000 foot altitude) 1.5 KV A.C. min.
Adjustment Angle 280 ° nom.

Environmental Characteristics

HV2 Input Voltage
85 °C (1K VDC max.)
125 °C 0 watt
HV3 Input Voltage
85 °C (600 VDC max.)
125 °C 0 watt
Temperature Range ... -55 °C to +125 °C
Temperature Coefficient ... ± 400 ppm/°C
Humidity MIL-STD-202 Method 103
240 Hours (100 megohms min. IR)
Load Life
HV2 1,000 hours 1 KVDC
60 °C, 90 % R.H. (3 % max. Δ TR)
HV3 1,000 hours 600 VDC
60 °C, 90 % R.H. (3 % max. Δ TR)
Voltage Breakdown
(5,000 foot altitude) 1.5 KV min.
Seal Test 85 °C Fluorinert†
Vibration No discontinuity 30 G
Shock No discontinuity 100 G
Rotational Life 200 cycles min.

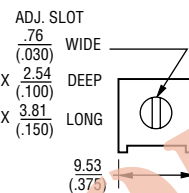
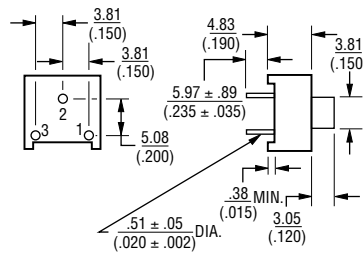
Physical Characteristics

Mechanical Angle 310 ° nom.
Torque 5.0 oz-in. max.
Stop Strength 15.0 oz-in. min.
Terminals Solderable pins
Weight 0.04 oz.
Marking Manufacturer's trademark, resistance code, wiring diagram, date code, manufacturer's model number and style
Flammability U.L. 94V-0
Standard Packaging 50 pcs. per tube
Adjustment Tool H-90

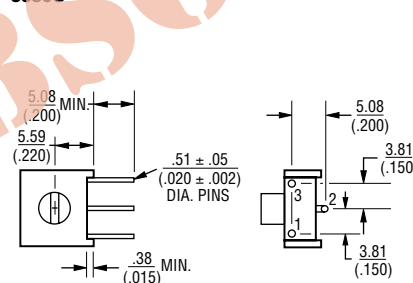
Product Dimensions

3386N

Common Dimensions



3386U

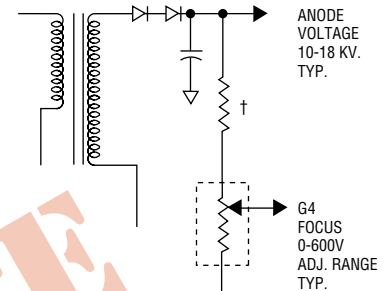


How To Order

3386 N - HV2 - 505 T

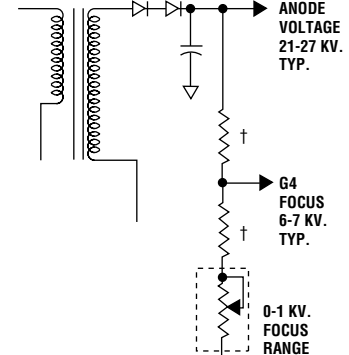
Model _____
Style _____
High Voltage
Construction Indicator
HV2 = 1000 VDC
HV3 = 600 VDC
Resistance Code
-255 = 2.5 megohms
-505 = 5 megohms
Optional Suffix Letter
T = Red Knob

Typical Focus Control Circuits

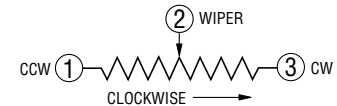


MONOCHROME

† VALUES DETERMINED BY CIRCUIT VOLTAGES



COLOR



DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$
TOLERANCES: $\pm \frac{0.25}{(.010)}$ EXCEPT WHERE NOTED

REV. 10/11

"Trimpot" is a registered trademark of Bourns, Inc.
†"Fluorinert" is a registered trademark of 3M Co.
Specifications are subject to change without notice.

Customers should verify actual device performance in their specific applications.