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

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

Electrical Characteristics
- Standard Resistance Range: 2.5 and 5 megohms
- Resistance Tolerance: ±20%
- Contact Resistance Variation: 2% max.
- Adjustability
- Voltage Divider: ±0.05%
- Rheostat: ±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
- Humidity: MIL-STD-202 Method 103
- 240 Hours (100 megohms min. IR)
- Load Life: HV2 - 1,000 hours 1 KVDC
- HV3 - 1,000 hours 600 VDC
- Temperature Coefficient: ±400 ppm/°C
- Humidity: MIL-STD-202 Method 103
- 240 Hours (100 megohms min. IR)
- Voltage Breakdown: 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: UL 94V-0
- Standard Packaging: 50 pcs. per tube
- Adjustment Tool: H-90

How To Order
- Model: 3386 N - HV2 - 505 T
- 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

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