

Micro Commercial Components



Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311

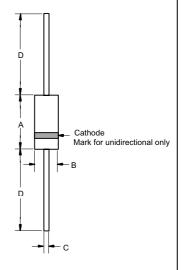
Phone: (818) 701-4933 (818) 701-4939 Fax:

P6KE6.8 THRU **P6KE600(C)A**

600WATTS TRANSIENT VOLTAGE SUPPRESSOR

6.8 TO 600 VOLTS

DO-15



INCHES MIN MAX В 104 140 2.60 3.60 .028 .70

Note: 1. High Temperature Solder Exemptions Applied, see EU Directive Annex 7.

Features

- **Economical series**
- Available in both unidirectional and bidirectionalconstruction and suffix"C" designates bidirectional type
- Lead Free Finish/Rohs Compliant (Note1) ("P"Suffix designates Compliant. See ordering information)
- 600 watts peak pulse power dissipation and 5.8~512V VwM
- UL Recognized File # E331408
- Halogen free available upon request by adding suffix "-HF"
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1
- POLARITY: Banded denotes cathode. Bidirectional not marked.
- WEIGHT: 0.4 Gram(Appx.).
- **MOUNTING POSITION:** Any.

Maximum Ratings

Peak Pulse Power Dissipation at 25°C: 600Watts Steady State Power Dissipatoin:5 Watts at TL=75 °C 3/8" Lead Length

t_{clamping} (0 Volts to BV Min.):

Unidirectional<1x10⁻¹² Seconds; Bidirectoinal<5x10⁻⁹ Seconds.

Operating and Storage Temperature: -55°C to +175°C

APPLICATION

Use in sensitive electronics protection against voltage transients induced by inductive load switching and lighting on ICs, MOSFET, signal lines of sensor units for consumer, computer, industrial, automotive and telecommunication.