

## **PCT-2200V-4340A-M1**

**Phase Control Thyristor, 2200V Repetitive Pulsed Closed State/Reverse Voltage, 4340A Maximum Allowable Average Forward Current**

**Product ID: 328087**

**Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).**



Image: PCT-2200V-4340A-M1

**Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.**

### **PCT-2200V-4340A-M1 Phase Control Thyristor**

**Unit Type:** Phase Control Thyristor

**Max. Average Forward Current:** 4340 A (at 55°C case temp)

**Voltage Rating:** 2200 V

**Surge Current:** 55000 A

**Safety Factor ( $I^2t$ ):**  $15.1 \times 10^6 \text{ A}^2\cdot\text{s}$

**Thermal Resistance:** 0.008 K/W

**Threshold Voltage:** 0.886 V

**On-state Slope Resistance:** 0.105 mΩ

**Temperature of P-N Junction:** 125°C

**Clamping Force:** 60–70 kN

**Weight:** 2.65 lbs

**Dimensions:** 4.41"-ØD x 2.95"-Ød x 1.02"-H

### **Ratings**

UL listed for United States

CSA certified for Canada

### **Special Orders - Special Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-903-270-1187

**E-mail:** [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

The PCT-2200V-4340A-M1 is a Phase Control Thyristor, 2200V Repetitive Pulsed Closed State/Reverse Voltage, 4340A Maximum Allowable Average Forward Current from Larsson Electronics LLC.

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## Frequently Asked Questions (FAQ)

There are no Fags



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**Export Control Classification Number (ECCN):** EAR99



Links (Click on the below items to view):

- **HigResPic1**( <https://www.larsonelectronics.com/images/product/HigResPic1/328087.JPG> )
- **ISO 9001 Certification**( <http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF> )
- **Business Certificate**( <https://www.larsonelectronics.com/images/pdfdocs/w9.PDF> )
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