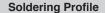
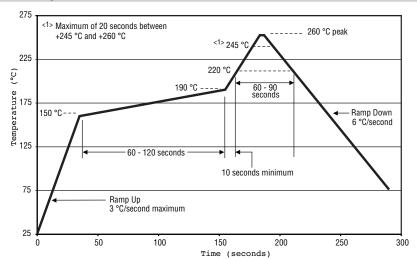
### **PWR163 Series Power Resistor**

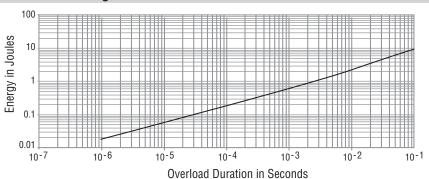
### BOURNS





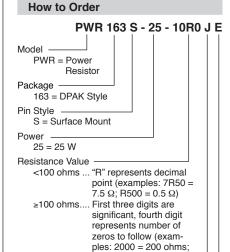
Power dissipation is 2.8 W at an ambient temperature of 25  $^{\circ}$ C when mounted on a double-sided copper board using FR4 standard, 70  $\mu$ m of copper, 39 x 30 x 1.6 mm.

#### **Pulse Power Rating**



The energy absorbed by the resistor expressed in Joules can be calculated by multiplying the peak power of the pulse in watts times the length of the pulse in seconds.

The energy should not exceed the limits shown in the graph. The overload voltage should not exceed 1.5 times the maximum operating voltage.

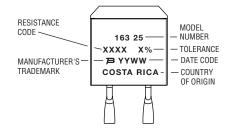


3002 = 30K ohms)
Absolute Tolerance
J = 5 %

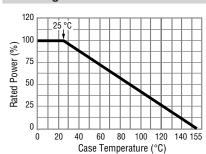
F = 1 %

Packaging ———
E = Tape & Reel
Blank = Tubes

#### **Typical Part Marking**



#### **Derating Curve**



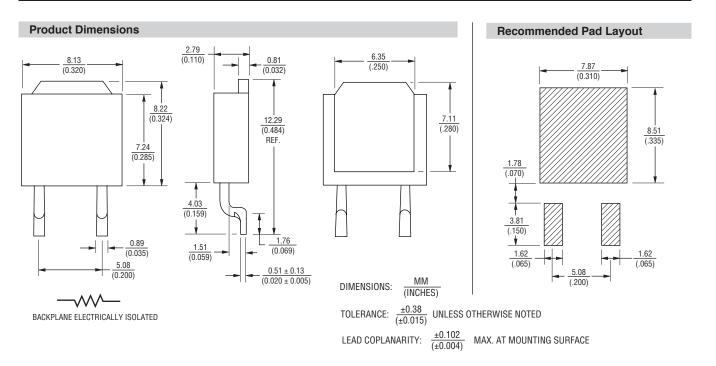
Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

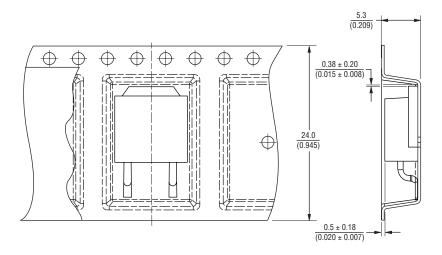
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## **PWR163 Series Power Resistor**

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### **Packaging Specifications**



TOLERANCE:  $\frac{\pm 0.38}{(\pm 0.015)}$  UNLESS OTHERWISE NOTED

REV. 12/20

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