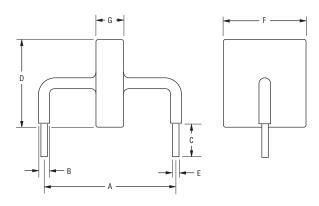
PTVS15-xxxC-TH Series High Current TVS Diodes

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Product Dimensions

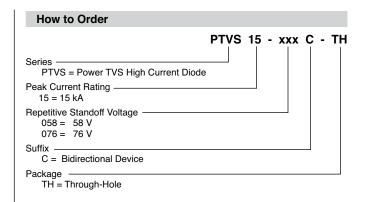
Typical Part Marking

This is an RoHS compliant product, with epoxy encapsulations meeting UL Class 94V-0. Ag plated leads meet solderability requirements of JESD22-B102. Package dimensions are shown below.



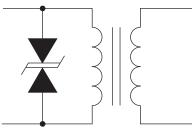
Dim.	PTVS15-058C-TH	PTVS15-076C-TH
А	24.15 ± 0.72	
	(0.951 ± 0.028)	
В	2.40 ± 0.50	
	(0.094 ± 0.020)	
с	6.00 ± 1.00	
	(0.236 ± 0.039)	
D	17.50 Max.	
	(0.689) Wax.	
Е	1.25 ± 0.05	
	(0.049 ± 0.002)	
F	16.00 Max.	
	(0.63) Mdx.	
G	5.00 Max.	6.00 Max.
	(0.197) Wax.	(0.236) Wax.

DIMENSIONS: $\frac{MM}{(INCHES)}$



Application

A typical application for Power TVS products includes AC power line primary protection.



Specifications are subject to change without notice.

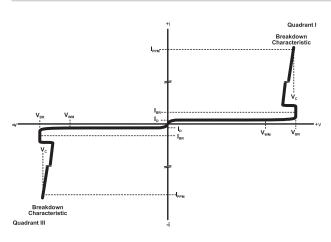
Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf.

PTVS15-xxxC-TH Series High Current TVS Diodes

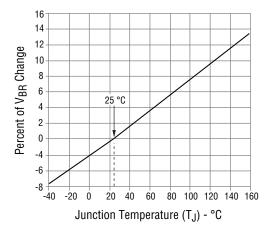
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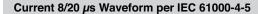
Performance Graphs

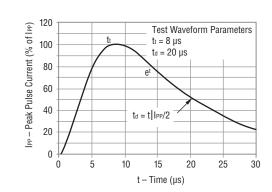
V-I Characteristic



Typical V_{BR} vs. Junction Temperature







Typical Surge Current Derating 120 110 100 90 Percent of Rated Value 80 70 60 50 40 30 20 10 0-0 25 50 75 100 125 150 175 Ambient Temperature (°C)

REV. 07/15

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Users should verify actual device performance in their specific applications.

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