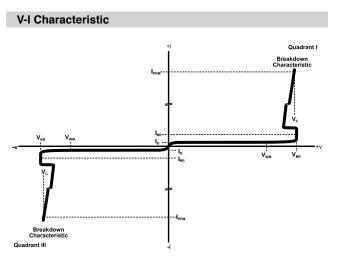
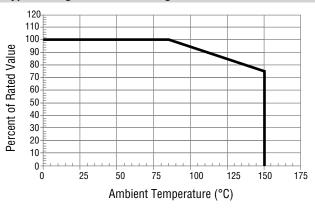
PTVS10-xxxC-M Series High Current TVS Diodes

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Performance Graphs



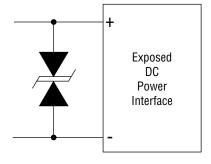
Typical Surge Current Derating



This graph shows the typical device surge current derating versus ambient temperature when subjected to the 8/20 μ s current waveform per the IEC 61000-4-5 specification. This device is not intended for continuous operation at temperatures above 125 °C.

Application

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

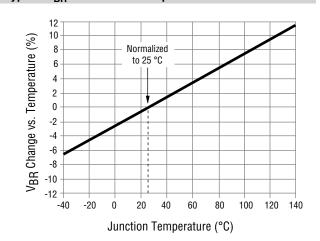


Specifications are subject to change without notice.

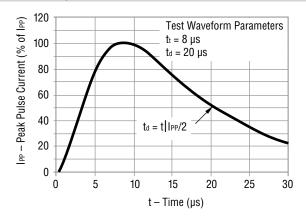
Users should verify actual device performance in their specific applications.

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Typical V_{BR} vs. Junction Temperature



Current 8/20 µs Waveform per IEC 61000-4-5

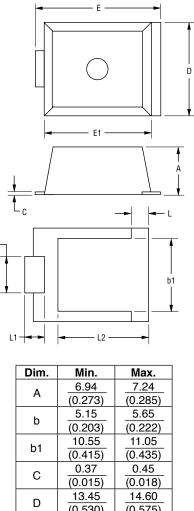


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Product Dimensions

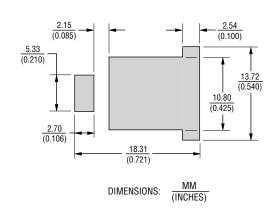
This is an RoHS compliant*, molded package with 100 % Sn on the terminations, and a flammability rating of UL 94-V-0.



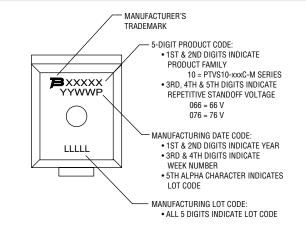
		I
Dim.	Min.	Max.
А	6.94	7.24
	(0.273)	(0.285)
b	5.15	5.65
	(0.203)	(0.222)
b1	10.55	11.05
	(0.415)	(0.435)
С	0.37	0.45
	(0.015)	(0.018)
D	13.45	14.60
	(0.530)	(0.575)
E	17.85	18.72
	(0.703)	(0.737)
E1	15.50	16.05
	(0.610)	(0.632)
L	2.30	2.80
	(0.091)	(0.110)
L1	2.50	2.90
	(0.098)	(0.114)
L2	13.16	13.76
	(0.518)	(0.518)

Mold flash or protrusion shall not exceed 0.25 mm.

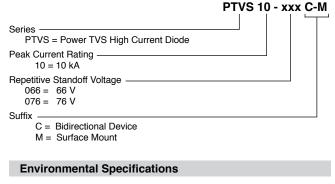
MM DIMENSIONS: (INCHES) **Recommended Pad Layout**



Typical Part Marking



How to Order



Moisture Sensitivity Level	1
ESD Classification (HBM)	В

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

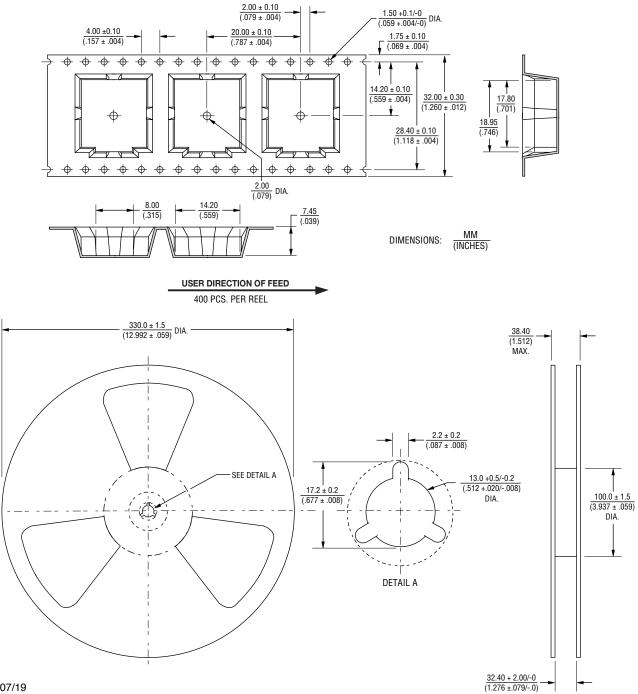
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PTVS10-xxxC-M Series High Current TVS Diodes

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Packaging Information

The product will be dispensed in tape and reel format (see diagram below).



REV. 07/19

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