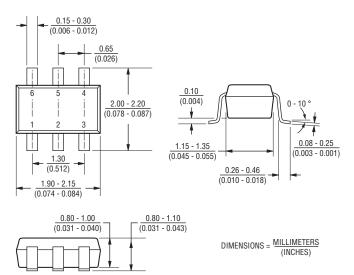
CDSC706-0504C - Surface Mount TVS Diode Array

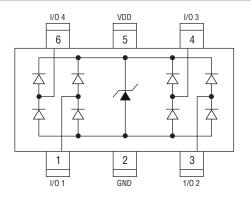
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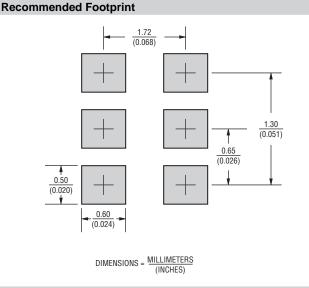
Product Dimensions

This is a molded JEDEC SC70-6L package with lead free 100 % Matte Sn on the lead frame. It weighs approximately 7 mg and has a flammability rating of UL 94V-0.



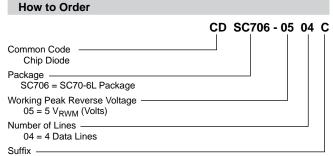
Configuration





Typical Part Marking

CDSC706-0504C.....C05



C = Low Capacitance

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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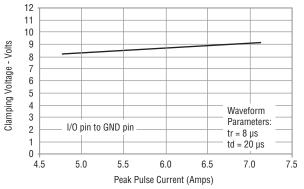
CDSC706-0504C - Surface Mount TVS Diode Array

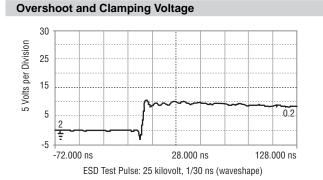
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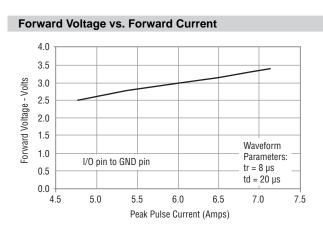
Test Waveform Parameters

Rating & Characteristic Curves

Clamping Voltage vs. Peak Pulse Current







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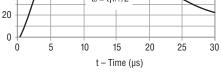
Users should verify actual device performance in their specific applications.

IPP – Peak Pulse Current (% of IPP) 80 60 40 $t_d = t |I_{PP}/2$

Pulse Waveform

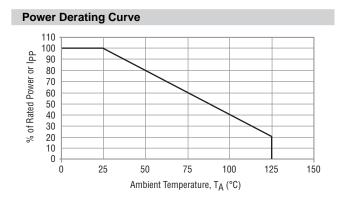
120

100

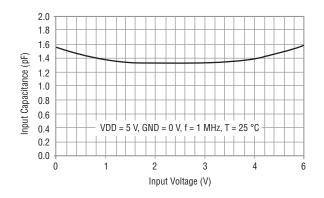


 $t_t = 8 \ \mu s$

 $t_d = 20 \ \mu s$



Typical Variation of Cin vs. Vin



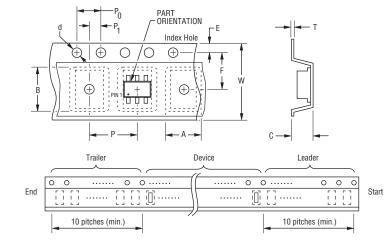
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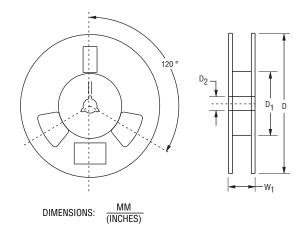
CDSC706-0504C - Surface Mount TVS Diode Array

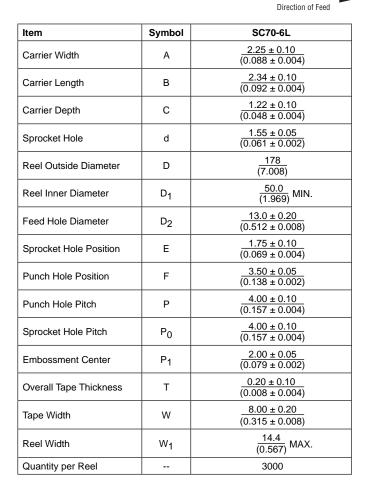
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Packaging Information

The product is packaged in tape and reel format per EIA-481 Standard.







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