

Single-In-Line Conformal Coated Diode Array

D Series

- 4 to 14 Leads
- Standard and custom circuits
- Space saving design



 All parts are Pb-free and comply with EU Directive 2011/65/EU amended by (EU) 2015/863 (RoHS3)

Specification

Reverse Voltage, $V_R$	80V
Reverse Current, $I_R$	1.0 $\mu$ A ( $V_R = 70V$ )
Forward Current, $I_F$	100mA Average, 300mA Surge (1 $\mu$ s Max.)
Forward Voltage, $V_F$	1.2V @ $I_F = 100mA$
Package Power, $P_{PKG}$	200mW @ 25°C
Reverse Recovery Time, $t_{rr}$	4ns ( $V_R = 6V$ , $I_F = 5mA$ , $R_L = 50\Omega$ )
Capacitance, C	5.5pF ( $V_R = 6V$ , $f = 1MHz$ )
Storage Temperature Range	- 55°C to 125°C
Operating Temperature Range	- 25°C to 80°C

General Note

TT Electronics reserves the right to make changes in product specification without notice or liability.  
All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

D Series

Specification

Circuit Type	Polarity "A"	Polarity "C"
1 N = 4 to 14		
2 N = 3 to 13 (Odd #)		
3 N = 4 to 14 (Even #)		
5 N = 4 to 14		

General Note

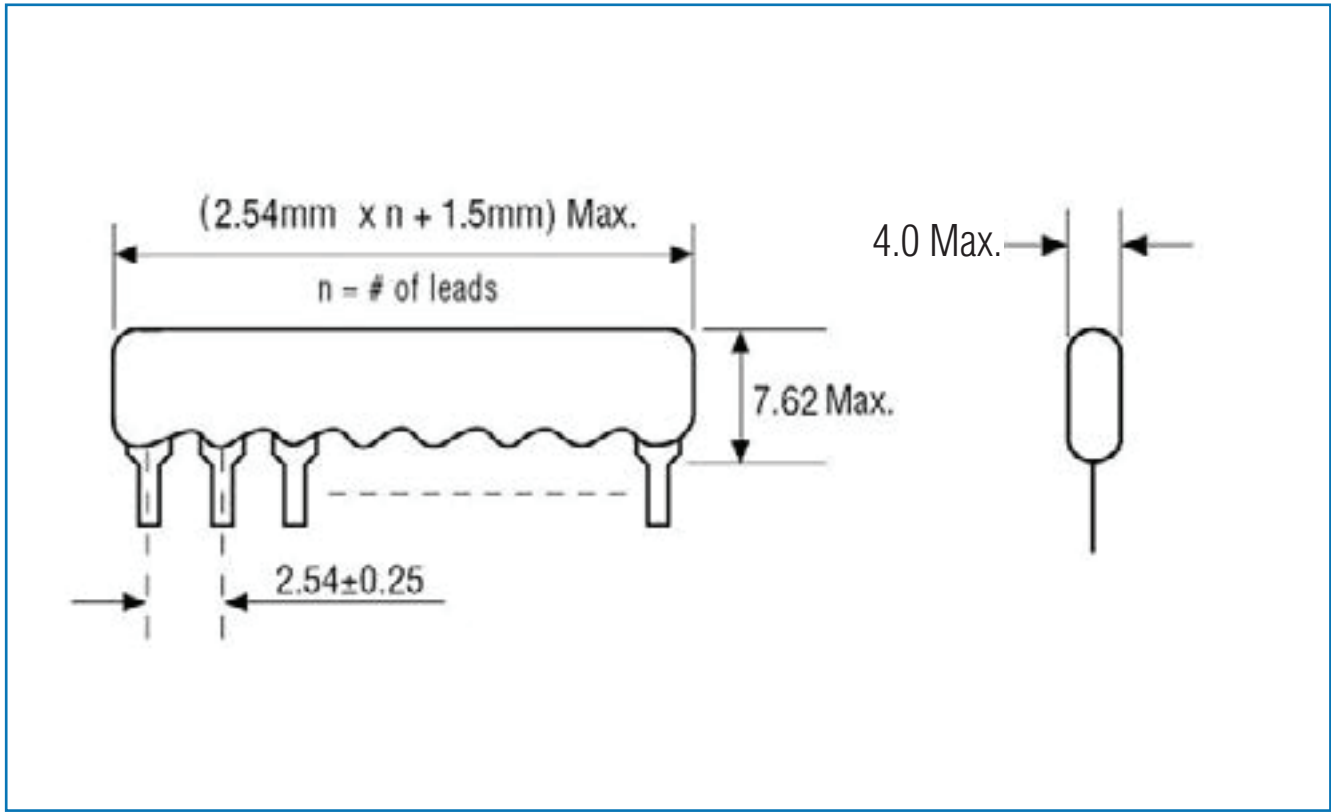
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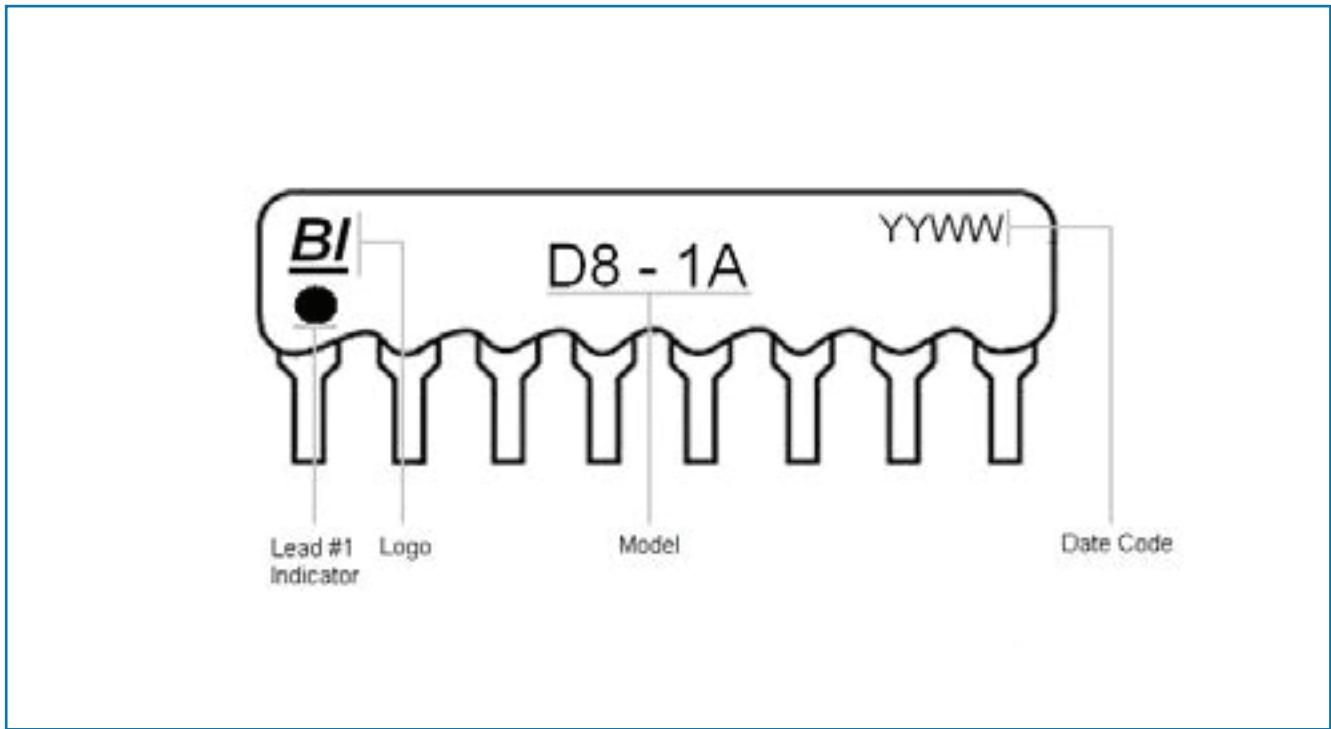
[www.ttelectronics.com/resistors](http://www.ttelectronics.com/resistors)

D Series

Outline Dimensions (Inch/mm)



Typical Part Marking



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D Series

Ordering Information

Model

Number of pins:  
4 to 14

Circuit type:

D

8 - 3

C

Polarity (see schematic)  
A = Common Anode ( circuit 1, circuit 2)  
Anode is at pin number 1 (circuit 3, circuit 5)  
  
C = Common Cathode (circuit 1, circuit 2)  
Cathode is at pin number 1 (circuit 3, circuit 5)

1 = Bussed with pin 1 in common.  
2 = Bussed with centered common.  
3 = Isolated.  
5 = Dual termination.

Material

Part	Material
Substrate	Alumina ceramic
Diode	Small mold package silicon expitaxial planar diode array
Termination	100% Ag
Lead Pins	100% Sn Plated steel
Junction and Lead Pin finish	96%Sn, 3.5%Ag, 0.5%Cu
Conformal Coat	Expoxy resin, UL-94 V-0 rated

Packaging

All sizes of D series product are packed in boxes of 200 pieces.

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