

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 (RoHS2)

Specification

Reverse Voltage, V_R	80V
Reverse Current, I_R	1.0 μ A (V_R = 70V)
Forward Current, I_F	100mA Average, 300mA Surge (1 μ 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 Ω)
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

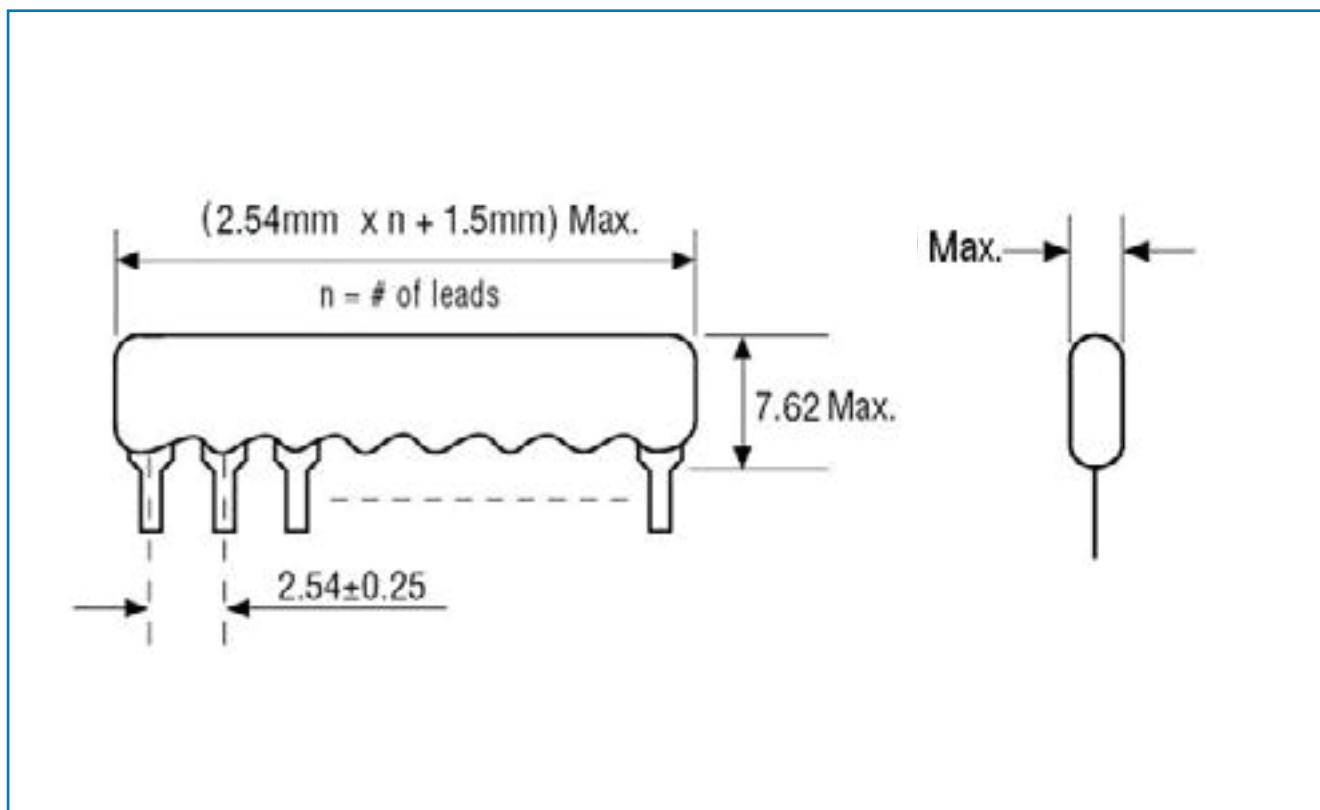
Circuit Type	Polarity "A"	Polarity "C"
1 N = 4 to 14		
2 N = 3 to 13 (Odd #)		
3 N = 4 to 14 (Even #)		
5 N = 4 to 14		

General Note

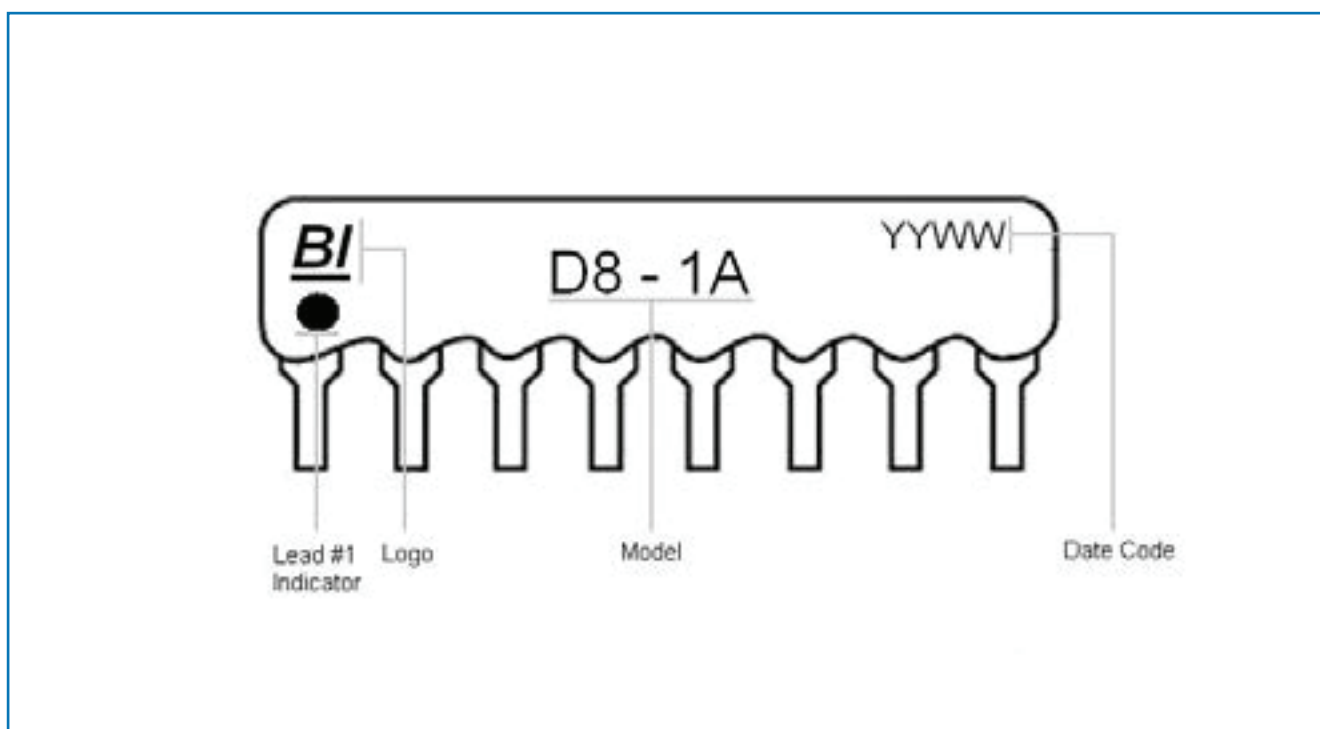
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Outline Dimensions (Inch/mm)



Typical Part Marking



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Ordering Information

Model _____

Number of pins: _____
4 to 14

Circuit type: _____
1 = Bussed with pin 1 in common.
2 = Bussed with centered common.
3 = Isolated.
5 = Dual termination.

D

8 - 3

C

Polarity (see schematic)

A = Common Anode (circuit 1, circuit 2)
Annode 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)

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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