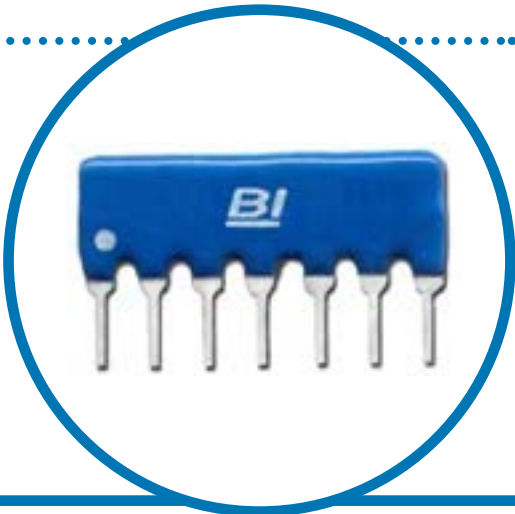


Single-In-Line Conformal Coated Diode Array

D Series

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

Not Recommended for New Designs



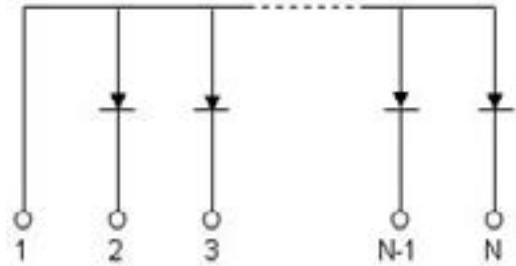
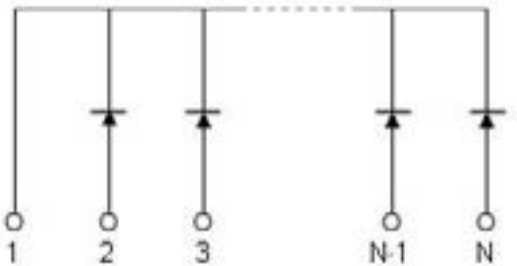
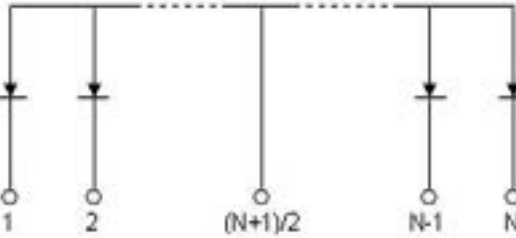
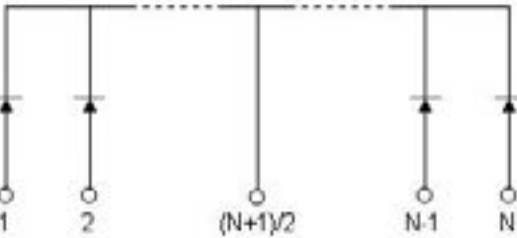
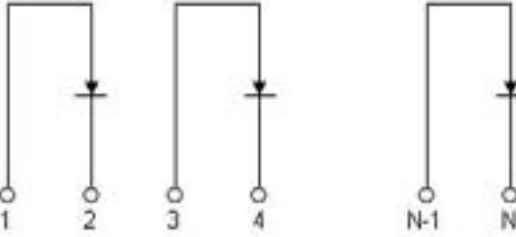
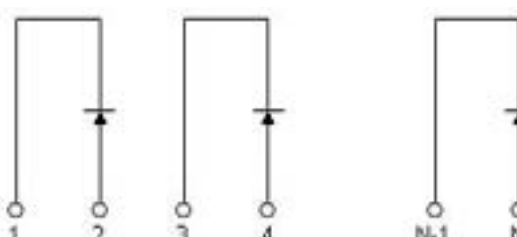
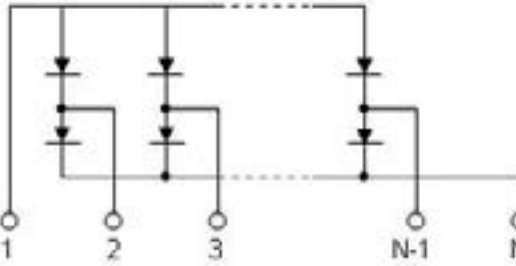
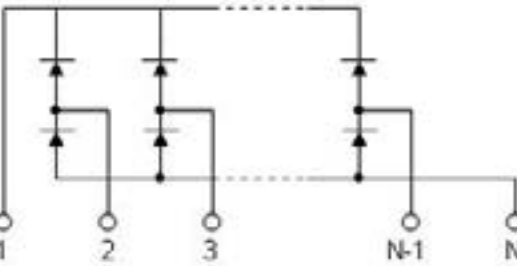
Specification

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 ($V_R = 6V$, $I_F = 5mA$, $R_L = 50\Omega$)
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

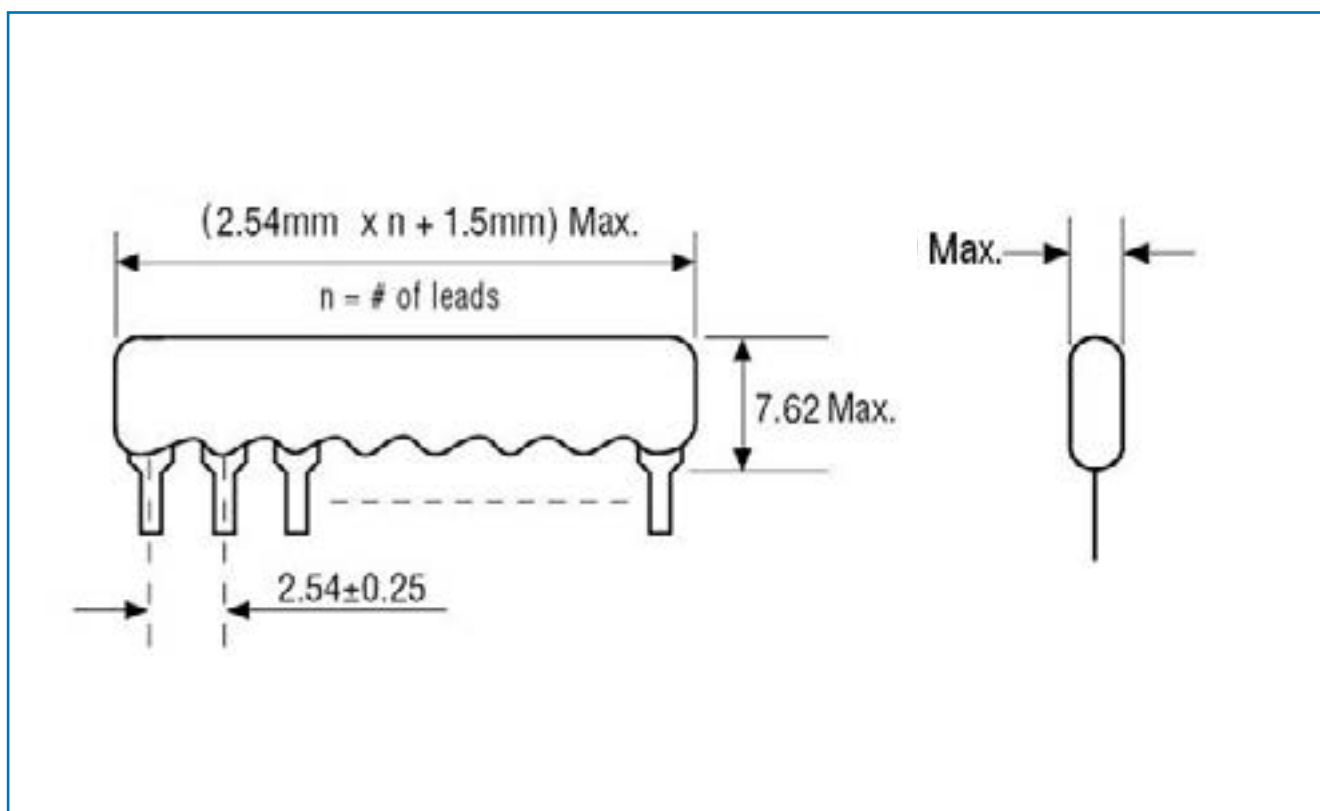
TT electronics reserves the right to make changes in product specification without notice or liability.
All information is subject to TT electronics' own data and is considered accurate at time of going to print.

Specification

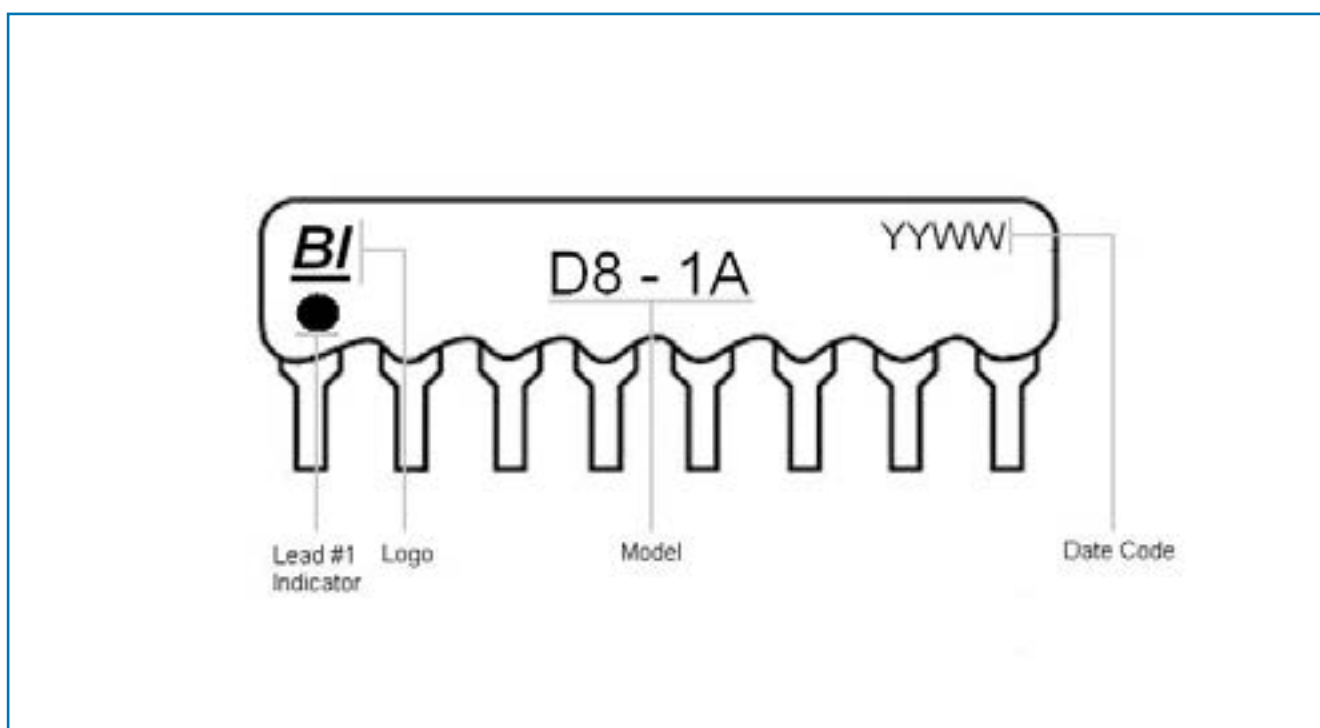
Circuit Type	Polarity "A"	Polarity "C"
1 N = 4 to 14		
2 N = 3 to 13 (Odd #)		
3 N = 4 to 14 (Even #)		
5 N = 4 to 14		

General Note
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.

Outline Dimensions (Inch/mm)



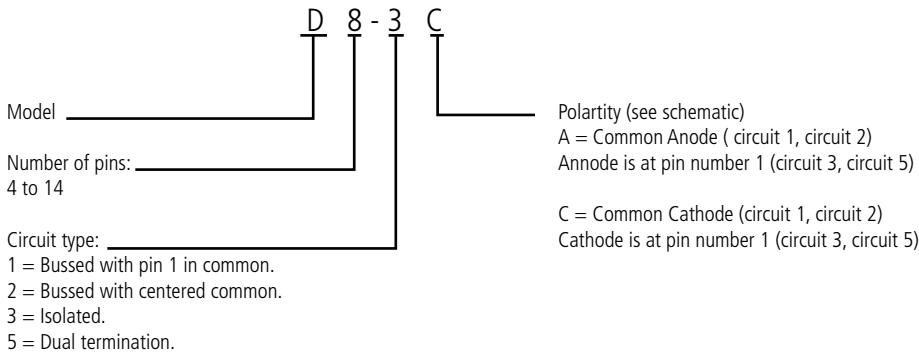
Typical Part Marking



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.

Ordering Information



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	Epoxy resin, UL-94 V-0 rated

Packaging

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

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.