# MODEL D SERIES

## Single-In-Line

Conformal Coated

Diode Networks

*RoHS Compliant Available*

## FEATURES

- 4 to 14 Leads
- Multiple circuit configurations
- Space saving design

## ELECTRICAL

- **Reverse Voltage, $V_R$**: 80V
- **Reverse Current, $I_R$**: 1.0µA ($V_R = 70V$)
- **Forward Current, $I_F$**: 100mA Average, 300mA Surge (1µs Max.)
- **Forward Voltage, $V_F$**: 1.5V @ $I_F = 100mA$
- **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 ($V_R = 6V$, $f = 1MHz$)
- **Junction Temperature, $T_J$, Maximum**: 125°C
- **Storage Temperature Range**: -55°C to +125°C

Specifications subject to change without notice.
**OUTLINE DIMENSIONS (Inch/mm)**

- \( \frac{0.100}{2.54} \times n + 0.06 \) (1.5mm) Max.
- \( 0.157 \) Max.
- \( 4.0 \) Max.
- \( -0.10 \times 0.010 \)
- \( 2.54 \pm 0.25 \)

**SCHEMATICS**

**Common Cathode/Anode Types**

- **-1 Circuit**

  1  2  3  ...  n

- **-2 Circuit**

  1  2  ... c  ... n-1  n

- **-3 Circuit**

  1  2  3  4  ... n-1  n

- **-5 Circuit**

  1  2  3  ... n-1  n-2  n
**TYPICAL PART MARKING**

![Typical Part Marking Diagram]

- **Marking Color:**
  - **1 A** (Common Anode-Type)
  - **White Color**
  - **2 C** (Common Cathode Type)
  - **Yellow Color**

**ORDERING INFORMATION**

- **Model Series:**
  - D 9 1 A LF
- **No. of Leads:**
  - 4 to 14
- **RoHS Compliant:**
  - LF
- **Non RoHS:**
  - Blank
- **Circuit Code:**
  - A: Common Anode
  - C: Common Cathode
- **Schematic:**

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[Diagram of part marking with lead numbers and indicators.]

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[Diagram of ordering information with model series and lead details.]