



Micro Commercial Components

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1N34A

Germanium Diode 65 Volt

Features

- Low Leakage Current
- Low Junction Capacitance
- High Mechanical Strength
- Marking : Green cathode band
- Lead Free Finish/RoHS Compliant(Note 1) ("P" Suffix designates RoHS Compliant. See ordering information)

Maximum Ratings

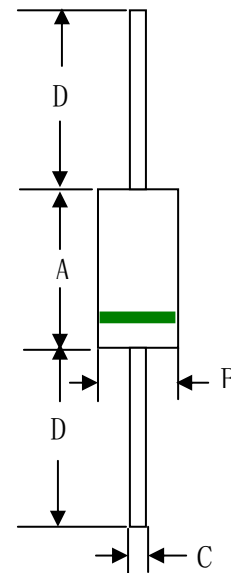
- Operating Temperature: -65°C to +75°C
- Storage Temperature: -65°C to +75°C

Electrical Characteristics @ 25°C Unless Otherwise Specified

| | | | |
|---------------------------------------|-----------|---------------|--|
| Peak Inverse Voltage | PIV | 65V | $I_R=1.0mA$ |
| Average Rectified Current | I_o | 50mA | |
| Peak Forward Surge Current | I_{FSM} | 500mA | 8.3ms, half sine |
| Maximum Instantaneous Forward Voltage | V_F | 1.00V | $I_{FM} = 5.0mA$; $T_J = 25^\circ C^*$ |
| Maximum Reverse Current | I_R | 30uA 500uA | $T_A = 25^\circ C$ $V_R=10V$ $V_R=50V$ |
| Typical Junction Capacitance | C_J | 0.8pF | Measured at 1.0MHz, $V_R=0V$ |

Notes:1.Lead in Glass Exemption Applied, see EU Directive Annex 5.
 2.Pulse test: Pulse width 300 usec, Duty cycle 2%

DO-7



DIMENSIONS

| DIM | INCHES | | MM | | NOTE |
|-----|--------|-------|-------|-------|------|
| | MIN | MAX | MIN | MAX | |
| A | ----- | .300 | ----- | 7.62 | |
| B | ----- | .107 | ----- | 2.72 | ∅ |
| C | .018 | .022 | 0.46 | 0.56 | ∅ |
| D | 1.000 | ----- | 25.40 | ----- | |



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Ordering Information

| Device | Packing |
|------------------|----------------------|
| (Part Number)-TP | Tape&Reel;5Kpcs/Reel |

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