查询HVC308A供应商

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HVC308A

Variable Capacitance Diode for TV tuner



ADE-208-411A(Z) Rev 1 Dec. 1998

Features • Low series resistance. (rs= 0.95Ω max) Ultra small Flat Package (UFP) is suitable for surface mount design. • **Ordering Information** Type No. Laser Mark Package Code HVC308A V UFP DZSC.COM Outline Cathode mark Mark WWW.D1E 2 1. Cathode 2. Anode SE WWW.DZSC.COM

HVC308A

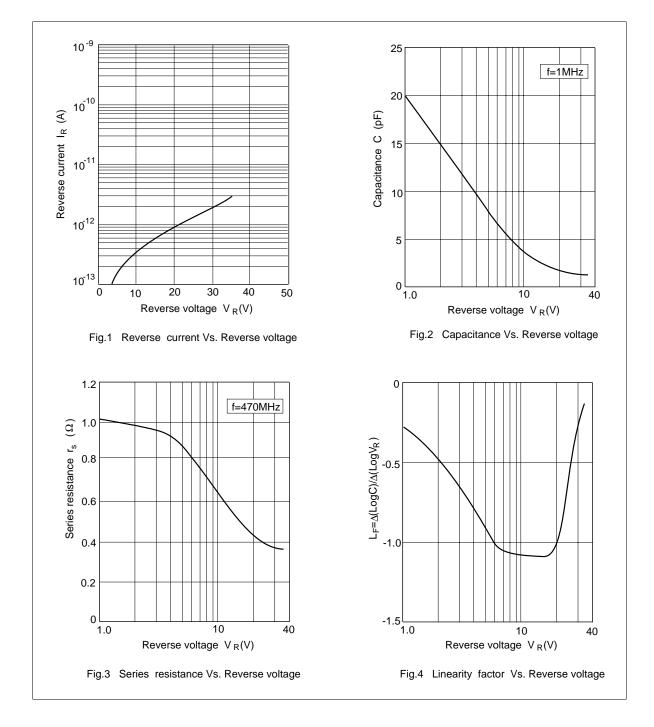
Absolute Maximum Ratings (Ta = 25° C)

| Item | Symbol | Value | Unit | |
|----------------------|----------------|-------------|------|--|
| Reverse voltage | V _R | 35 | V | |
| Junction temperature | Тј | 125 | °C | |
| Storage temperature | Tstg | -55 to +125 | °C | |

Electrical Characteristics (Ta = 25°C)

| ltem | Symbol | Min | Тур | Max | Unit | Test Condition |
|-------------------|-----------------|------|-----|------|------|------------------------------------|
| Reverse current | I _{R1} | _ | _ | 10 | nA | $V_R = 30V$ |
| | I _{R2} | | | 100 | | $V_{R} = 30V, Ta = 60 \ ^{\circ}C$ |
| Capacitance | C ₂ | 13.7 | _ | 15.9 | pF | $V_R = 2V$, f = 1 MHz |
| | C ₂₀ | 1.65 | _ | 2.06 | | V _R = 20V, f = 1 MHz |
| Capacitance ratio | n | 7.12 | | — | — | C ₂ / C ₂₀ |
| Series resistance | r _s | _ | | 0.95 | Ω | V _R = 5V, f = 470 MHz |

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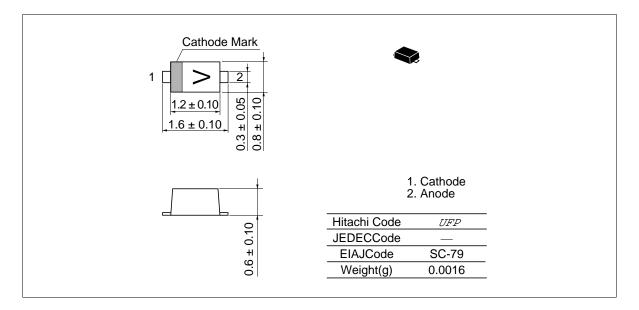
Main Characteristic

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Package Dimensions

Unit : mm



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