

Schottky Diodes

1N5711 Series



DESCRIPTION

The 1N5711 is a Schottky diode designed with a metalized guard ring to achieve a high voltage breakdown.

Features

- RoHS Compliant
- High voltage breakdown
- UHF/VHF detection/pulse applications
- Diode matching available
- Tape and reel packaging available



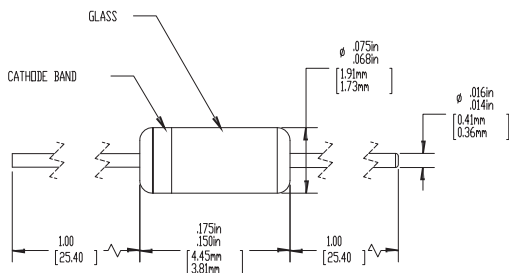
Maximum Ratings

Rating	Limits	Units
Reverse Breakdown(VB)	70	V
Forward Continuous Current (IF)	15 @ 25 °C	mA
Power Dissipation (PTOT)	430 @ 25 °C	mW
Storage Temperature (TSTG)	-65 to +150	°C
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Electrical Specifications $T_A = +25\text{ °C}$ (Unless Otherwise Specified)

Breakdown Voltage V_{BR} (V)	Forward Voltage V_F (V)	Forward Voltage V_F (V)	Leakage Current I_R (μ A)	Capacitance C_T (pF)	Carrier Lifetime T_L (ps)
$I_R = 10\ \mu\text{A}$	$I_F = 1\ \text{mA}$	$I_F = 15\ \text{mA}$	$V_R = 50\ \text{V}$	$V_R = 0\ \text{V}, f = 1\ \text{MHz}$	$I_F = 5\ \text{mA}$
70	0.41	1	0.2	2	100

Outline Drawing



Body Coat*	Blue
Branding	Black
Plating	RoHS

* Standard colors noted, marking optional.

** Also available in Sn/Pb plating.



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