

1N6536 (#4963)

RFQ/Sample

Ultra Fast Rectifier (less than 100ns)

Division [Ireland](#) **Datasheet** (none)
Mil-Spec (none) **Spice Data** (none)
Shipping (none) **Qual Data** Contact Microsemi

Package

Maximum Electrical Rating

Output Current

Symbol	Max	Unit
I_O	1	A

Reverse Voltage

Symbol	Max	Unit
V_{rwm}	400	V

Electrical Rating

Symbol	Min	Typ	Max	Unit
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Forward Voltage

($I_F=1$ A, $T_A=25$ °C, 300 μ s pulse)	V_F1		1.5	V
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($I_F=1$ A, $T_A=25$ °C)	V_F2		1.5	V
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Reverse Leakage Current

($V_{rwm}=400$ V, $T_A=25$ °C)	I_R		10	μ A
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Reverse Breakdown Voltage

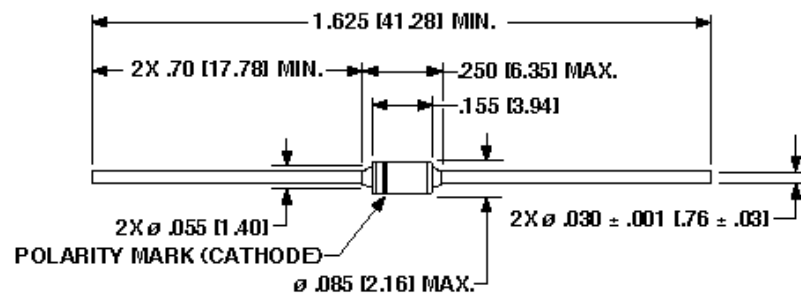
($I_{BR}=1000$ μ A)	V_{BR}	440		V
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Junction Capacitance

($T_A=25$ °C)	C_j		50	pF
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Reverse Recovery Time

	t_{rr}		30	nsec
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A PACKAGE

NOTE: DIMENSIONS IN [] = MILLIMETERS

THIS DRAWING IS FOR REFERENCE ONLY. PLEASE REFER TO THE MICROSEMI PUBLISHED DATA SHEET.