



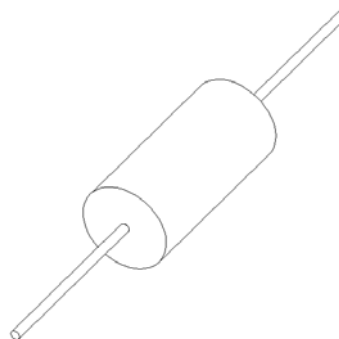
180 Lafayette Road
North Hampton, NH 03862-2448
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PDHVM

Ultra Fast Diode

FEATURES

- High Temperature
- Hermetically Sealed
- Axial Leaded Package
- Extremely Fast Switching
- Low Leakage Current



ELECTRICAL CHARACTERISTICS

Part Number	Reverse Voltage V_{rwm}	Reverse Current I_r		Forward Voltage $V_F@I_F$ V_f	1 Cycle Surge Current I_{fsm}	Junction Cap. C_j	Average Rectified Current I_o		Reverse Recovery Time t_{rr}	Repetitive Surge Current I_{frm}
		$T_A=25^{\circ}C$	$T_A=100^{\circ}C$	$T_A=25^{\circ}C$	$T_A=25^{\circ}C$	$T_A=25^{\circ}C$	$T_A=55^{\circ}C$	$T_A=100^{\circ}C$	$T_A=25^{\circ}C$	$T_A=25^{\circ}C$
		1 μ A	15 μ A	13V@100mA	5A	2pF	100mA	50mA	30ns	1A

* $t_p=8.3mS$

**@50VDC, @1kHz

***Length=0.375"

**** If=20mA, Ir=40mA, Irr=10mA

ADDITIONAL DATA

Case: High Temperature Epoxy

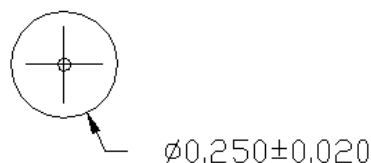
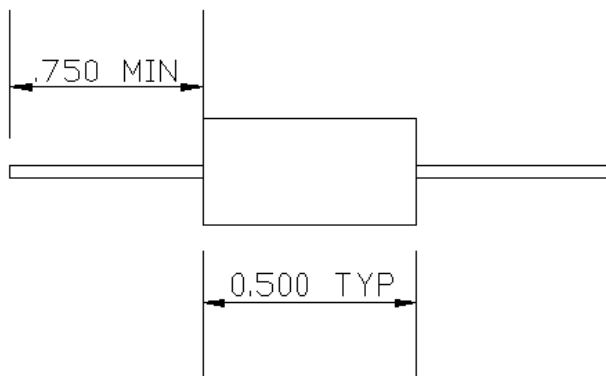
Terminals: Solid Silver

Polarity: Diode Symbol

Operating Temperature: -65°C to +175°C

Storage Temperature: -65°C to +200°C

MECHANICAL CHARACTERISTICS



Specifications subject to change without notice to ensure a better product

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