

Features

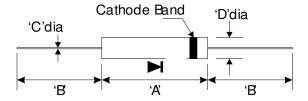
- Fast reverse recovery time for high efficiency
- Molded plastic body, ANSI/UL94 V-0 rated material
- RoHS compliant based on exemption: [2011/65/EC, Annex III, 7(a)]



Device Electrical Characteristics

(25°C ambient temperature unless stated otherwise)	Conditions	Symbol	Value
Maximum Repetitive Peak Reverse Voltage		\mathbf{V}_{RRM}	8,000 Volts
Average Forward Current maximum	$T_A = 55^{\circ}C$	IFAVM	40 mA
Maximum Forward Voltage Drop	$I_F = 10 \text{mA}$	$\mathbf{V}_{\mathbf{F}}$	26 Volts
Maximum Surge Current rating	8.3msec, half sine	I _{FSM}	3 Amps
Maximum Reverse Current	at rated V _{RRM}	I_R	1.0 μΑ
Maximum Reverse Recovery Time	I _F =250mA, I _R = 0.5A, I _{RR} = 125mA	T_{RR}	100 ηsec
Typical Junction Capacitance	$f = 1MHz$, $V_R = 0 VDC$	$\mathbf{C}_{\mathbf{J}}$	0.3 pf
Maximum Junction Temperature	-	T_{J}	125°C
Storage Temperature range	-	Tstg	-40°C to 150°C

		Min.		Max.	
Mechanical Data		in.	mm	in.	mm
Body length	Α	-	-	0.40	10.2
Body diameter	D	-	-	0.12	3.1
Lead length	В	.95	24.2	-	-
Lead diameter	C	-	-	0.025	0.64



VERSION: 1.0

EFFECTIVE: Nov. 2012