



Features

- Molded plastic body, ANSI/UL94 V-0 rated material
- RoHS compliant to Directive 2011/65/EC, Article 4(1), Annex II; Annex III, 7(a)



Device Electrical Characteristics

(25°C ambient temperature unless stated otherwise)

	Conditions	Symbol	Value
Maximum Repetitive Peak Reverse Voltage		V_{RRM}	12,000 Volts
Average Forward Current Maximum	$T_A = 55^\circ\text{C}$	I_{FAVM}	0.4 Amps
Maximum Forward Voltage Drop	$I_F = 700\text{ mA}$	V_F	12 Volts
Maximum Reverse Current	$V_R = V_{RRM}$	I_R	5.0 μA
Maximum Surge Current	8.3msec, Half Sine	I_{FSM}	30 Amps
Maximum Junction Temperature	-	T_J	150°C
Storage Temperature Range	-	T_{STG}	-55°C to 150°C

Mechanical Data

		in.	mm
Body Length	A	0.870	22.1
Body Diameter	B	0.300	7.6
Lead Length (min)	C	0.945	24.0
Lead Diameter	D	0.050	1.3

