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High Voltage Diode

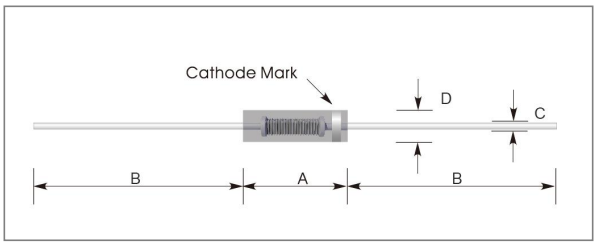
HV37-10F（10KV 0.35A）

FEATURES

- Low leakage, low power, high surge
- Highly efficient reaction time
- Tj:-40℃~+150℃
- Avalanche breakdown protection
- Polyimide passivation technology
- Epoxy resin molding, integrated encapsulation
- ROHS compliant



SYMBOL	MIN		MAX	
	in	mm	in	mm
A	-	-	0.591	15
D	-	-	0.177	4.5
B	0.866	22	-	-
C	-	-	0.039	1.0



Electrical Characteristics (Tamb=25℃, unless otherwise specified)	Symbol	Conditions	Rated Value	Unit
Repetitive Peak Reverse Voltage	V_{RRM}		10	KV
Working Peak Reverse Voltage	V_{RWM}		10	KV
Average Forward Current max.	I_O	@oil T_{break}=50℃	0.35	A
Max. Surge Current	I_{FSM}		15	A
Max. Forward Voltage Drop	V_{FM}	Ta=25℃	14	V
Max. Reverse Recovery Time	trr	I_F=50mA, I_R=100mA	60	nS
Max. Reverse Current	I_{RRM}		2.0	μA
Max. Temperature Junction	T_J		150	℃
Storage Temperature Range	Tstg		-55 ~ +175	℃

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