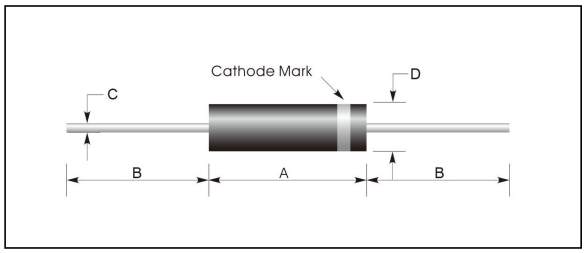
CL08-12T High Voltage Diode



FEATURES

- Low leakage,high surge capability
- High voltage,fast recovery rectifier
- Tj:-40℃~+150℃
- Polyimide passivation technology
- Epoxy resin molding,compact encapsulation
- ROHS compliant

DEVICE ELECTRICAL CHARACTERISTICS (25℃ ambient temperature unless stated otherwise)	CONDITIONS	SYMBOL	CL08-12T
Repetitive Peak Reverse Voltage		V_{RRM}	12KV
Average Forward Current		I_{AV}	500mA
Non-Repetitive Peak Forward Current		I_{FSM}	40A
Allowable Junction Temperature		T_j	125℃
Storage Temperature Range		T_{stg}	-40~125℃
Maximum Forward Voltage Drop	I_F=500mA , T_a=25 ℃	V_F	21.0V
Maximum Reverse Recovery Time	I_F=50mA , I_R=100mA	trr	100nS
Maximum Reverse Current	V_R=V_{RRM} , T_a=25 ℃	I_{R1}	2.0μA
Maximum Reverse Current	V_R=V_{RRM} , T_a=100 ℃	I_{R2}	50.0μA



SYMBOL	CL08-12T (Unit : mm)
A	22.0
D	Φ7.5
B	22
C	Φ1.2

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