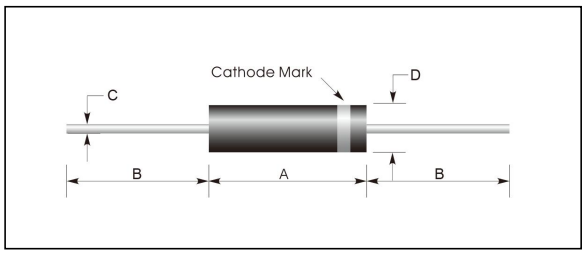
2CL73A High Voltage Diode



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	2CL73A
Repetitive Peak Reverse Voltage		V_{RRM}	12KV
Average Forward Current		I_{AV}	5.0mA
Non-Repetitive Peak Forward Current	Ta=25℃，rated load，half cycle，single phase，50Hz	I_{FSM}	0.5A
Allowable Junction Temperature	half cycle sinewave peak voltage	T_j	120℃
Allowable Operating Case Temperature		T_c	100℃
Storage Temperature Range		T_{stg}	-40~120℃
Maximum Forward Voltage Drop	I_F=10mA	V	45.0V
Maximum Reverse Recovery Time	I_F=2mA I_R=4mA	trr	0.08μS
Maximum Reverse Current	$V_R=V_{RRM}$ ，25 ℃	I_{R1}	2.0μA
Maximum Reverse Current	$V_R=V_{RRM}$ ，100 ℃	I_{R2}	5.0μA
Maximum Junction Capacitance		C_j	2pF



SYMBOL	2CL73A (Unit：mm)
A	10.0
D	Φ2.5
B	24
C	Φ0.6

Sales and service: leadsun@hv-semi.com
sureshang@hotmail.com
Sales hotline: 86-412-2666636
Leadsun Electronics

Download from alldatasheet.com