

Features

Axial leaded device
Fast reverse recovery time
Low forward voltage

CL03-15

15kv,200mA,100ns
High Voltage Diode

Device Electrical Characteristics

(Ta=25°C Unless otherwise noted)

Items	Conditions	Symbol	Value
Maximum RepetitivePeak Reverse Voltage		V_{RRM}	15kv
Average Forward Current Maximum	Ta=55°C	I_{FAVM}	200mA
Maximum Forward Voltage	$I_F=200mA$	V_{FM}	26Volts
Maximum Surge Current rating	10msec, half sine	I_{FSM}	30Amps
Maximum Reverse Current	$V_R=V_{RRM}$	I_{RM1}	0.5μA
Maximum High Temperature Reverse Current	Ta=100°C, $V_R=V_{RRM}$	I_{RM2}	10μA
Maximum Reverse Recovery Time	$I_F=40mA$ $I_R=80mA$ $I_{RR}=20mA$	trr	100ns
Minimum Junction Temperature	—	Tj	120°C
Storage Temperature Range	—	T _{STG}	-40°Cto150°C

Mechanical Data

Items	Symbol	(mm)
Body length	A	22
Body diameter	D	7.5
Lead length	B	23
Lead diameter	C	1.2

