HVCA 2CL60KV0.1A (60kV 100mA)

HIGH VOLTAGE AXIAL LEAD FLAT PACK RECTIFIER

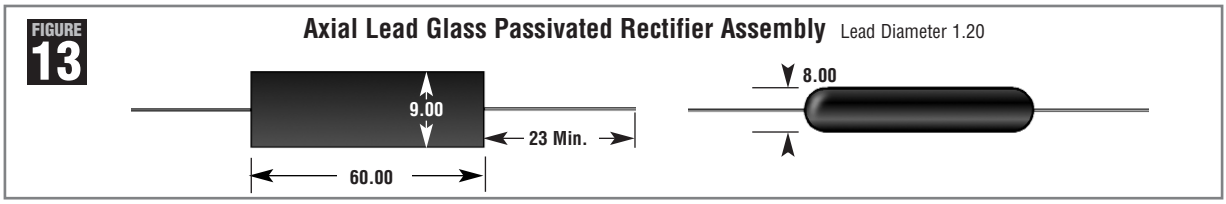
Finds use in applications such as X-ray machines and electrostatic precipitators.

FIGURE 13



HVS

■ Outline Drawings : mm



■ Maximum Ratings and Characteristics

● Absolute Maximum Ratings

Items	Symbols	Condition	2CL60KV0.1A	Units
Repetitive Peak Renerse Voltage	V_{RRM}		60	kV
Average Output Current	I_O	Ta=25°C,Resistive Load	0.1	A peak
Suege Current	I_{FSM}		10	A peak
Junction Temperature	Tj		155	°C
Allowable Operation Case Temperature	Tc		125	°C
Storage Temperature	T_{stg}		-40 to +155	°C

● Electrical Characteristics (Ta=25°C Unless otherwise specified)

Items	Symbols	Conditions	2CL60KV0.1A	Units
Maximum Forward Voltage Drop	V_F	at 25°C,I_F =$I_{F(AV)}$	80	V
Maximum Reverse Current	IR1	at 25°C,V_R =V_{RRM}	5.0	uA
	IR2	at 100°C,V_R =V_{RRM}	50	uA
Maximum Reverse Recovery Time	Trr	at 25°C	--	nS
Junction Capacitance	Cj	at 25°C,V_R=0V,f=1MHz	--	pF

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