HVGT

2CLG10KV/1.0A

10kV 1.0A 80nS Potting type HV subassembly

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

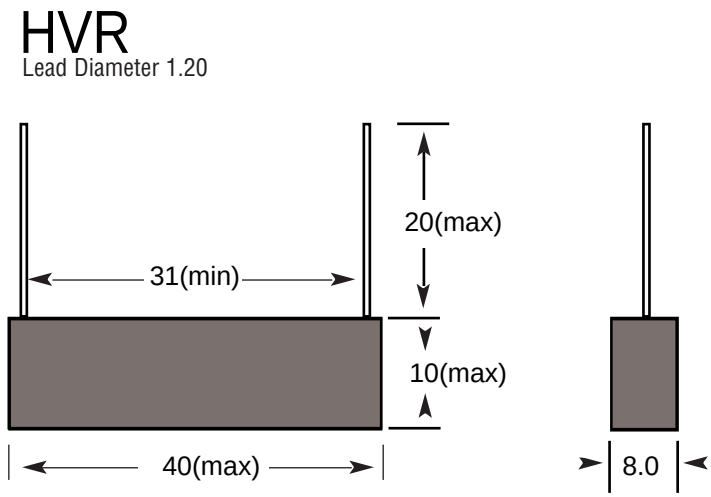
■ Features

- Diffused Junction
- High Voltage Capability
- High Case Dielectric Strength
- High frequency
- High current
- Plastic Material has Underwriters Laboratory
- Flammability Classification 94V-O

■ Mechanical Data

- Case: Epoxy potting
- Terminals: Through Hole for #3 Screwer
- Marking: Type Number
- Polarity: Marked on Body
- Weight: 5.0 grams (approx.)

■ Outline Drawings : mm



■ Maximum Ratings and Characteristics

● Absolute Maximum Ratings

Items	Symbols	Condition	2CLG10KV1.0A	Units
Repetitive Peak Renerse Voltage	V_{RRM}		10	kV
Average Output Current	I_O	Ta=25°C,Resistive Load	1.0	A peak
Suege Current	I_{FSM}		30	A peak
Junction Temperature	Tj		125	°C
Allowable Operation Case Temperature	Tc		125	°C
Storage Temperature	T_{stg}		-40 to +125	°C

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

Items	Symbols	Conditions	2CLG10KV1.0A	Units
Maximum Forward Voltage Drop	V_F	at 25°C,I_F =$I_{F(AV)}$	12	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	80	nS
Junction Capacitance	Cj	at 25°C,V_R=0V,f=1MHz	--	pF

GETE ELECTRONICS CO.,LTD
Http://www.getedz.com E-mail:sales@getedz.com