

VOLTAGE RANGE: 20 KV

CURRENT: 2.0 A

Features

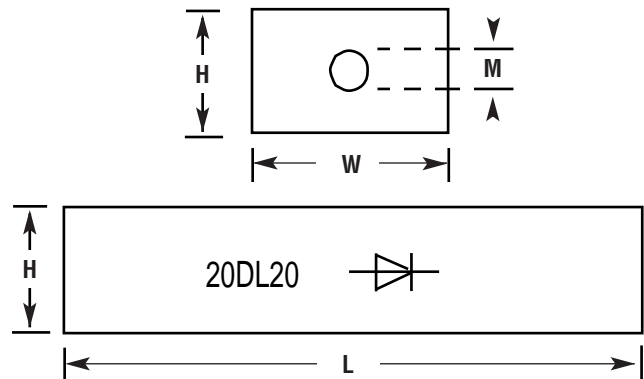
- Diffused Junction
- High Voltage Capability
- High Case Dielectric Strength
- High frequency
- Plastic Material has Underwriters Laboratory
- Flammability Classification 94V-O

Mechanical Data

- Case: Molded Plastic
- Polarity: Marked on Body
- Weight: 83 grams (approx.)
- Mounting Position: Through Hole for #5 Screw
- Marking: Type Number



Outline Drawings



Shape Size(Unit: mm)			
L	W	H	M
120	25	19	5

Maximum Ratings and Electrical Characteristics T_A = 25°C unless otherwise specified

Characteristic	Symbols	20DL20-1	Units
Repetitive Peak Reverse Voltage	V_{RRM}	20	kV
Average Output Current $T_a=30^{\circ}\text{C}$, Resistive Load	I_o	2.0	A _{peak}
Surge Current	I_{FSM}	60	A _{peak}
Maximum Forward Voltage Drop at 25°C, $I_F = I_{F(AV)}$	V_F	25	V
Maximum Reverse Current at 25°C at 100°C	V_{RRM}	10 100	uA uA
Maximum Reverse Recovery Time at 25°C $I_F=100\text{mA}$ $I_{RM}=200\text{mA}$	T_{rr}	100	nS
Junction Capacitance at 25°C, $V_R=0\text{V}$, $f=1\text{MHz}$	C_j	--	pF
Junction Temperature	T_j	125	°C
Allowable Operation Case Temperature	T_c	125	°C
Storage Temperature	T_{stg}	-40 to +125	°C