30DL20

POTTING TYPT HV SUBASSEMBLY

VOLTAGE RANGE: 20 KV
CURRENT: 3.0 A

Features

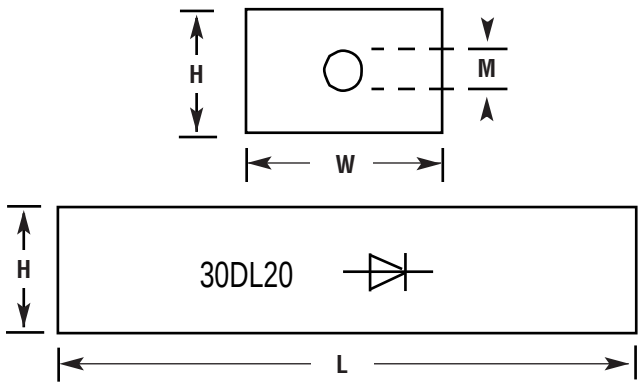
- Diffused Junction
- High Voltage Capability
- High Case Dielectric Strength
- High frequency
- Plastic Material has Underwriters Laboratory
- Flammability Classification 94V-O

Mechanical Data

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

RoHS COMPLIANT

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	30DL20	Units
Repetitive Peak Renerse Voltage	V_{RRM}	20	kV
Average Output Current Ta=30°C,Resistive Load	I_O	3.0	A
Suege Current	I_{FSM}	90	A
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 If=100mA Irm=200mA	Trr	100	nS
Junction Capacitance at 25°C,V_R=0V,f=1MHz	Cj	--	pF
Junction Temperature	Tj	125	°C
Allowable Operation Case Temperature	Tc	125	°C
Storage Temperature	T_{stg}	-40 to +125	°C