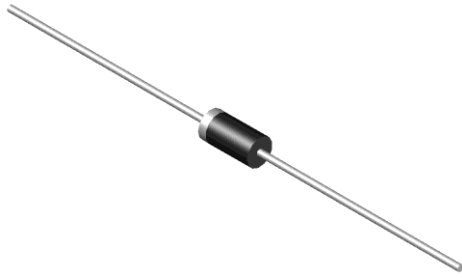
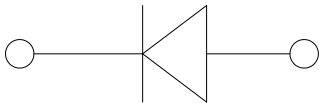


Plastic High Voltage Rectifier



Features

- V_R 4KV
- I_{FAV} 0.2A



■ Maximum Ratings ($T_a=25^\circ\text{C}$ Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	Conditions	VALUE
Repetitive Peak Reverse Voltage	V_{RRM}	KV		4
Average Forward Current	$I_{F(AV)}$	A	(60HZ half-sine wave, Resistance load $T_a=25^\circ\text{C}$)	0.2
Non-Repetitive Forward Surge Current	I_{FSM}	A	(60HZ half-sine wave, 1/2 cycle, $T_a = 25^\circ\text{C}$)	20
Maximum Junction Temperature	T_j	$^\circ\text{C}$		-55~+125
Storage Temperature	T_{stg}	$^\circ\text{C}$		-55~+150

■ Electrical Characteristics ($T_a=25^\circ\text{C}$ Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	VALUE
Forward Voltage Drop	V_F	V	5
Normal Temperature Reverse Current	I_{RM1}	μA	5
High Temperature Reverse Current	I_{RM2}	μA	50

■ Ordering Information (Example)

PREFERRED P/N	PACKING CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
R4000	D1	Approximate 0.37	Approximate 3000	3000	30000	Tape



■ Characteristics (Typical)

FIG.1: I_o-T_a Curve

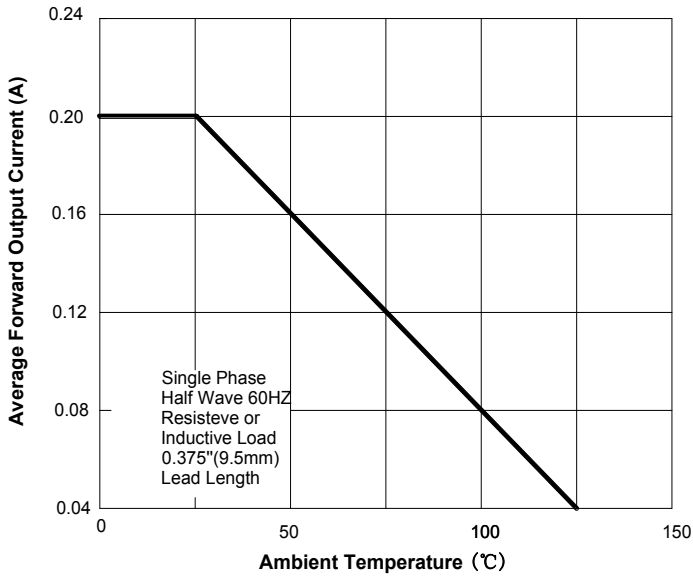


FIG.2: Forward Surge Current Capability

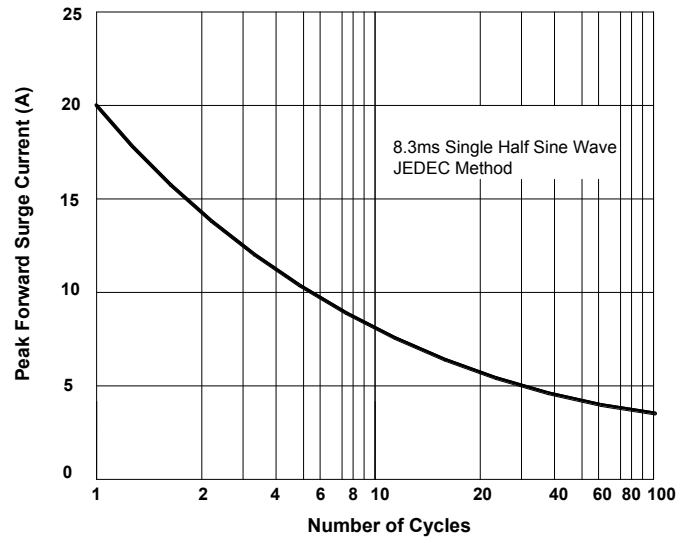


FIG.3: Forward Voltage

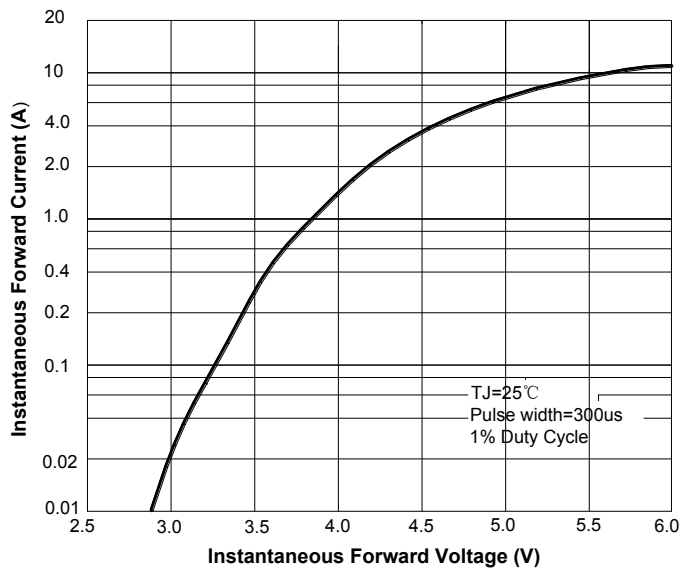
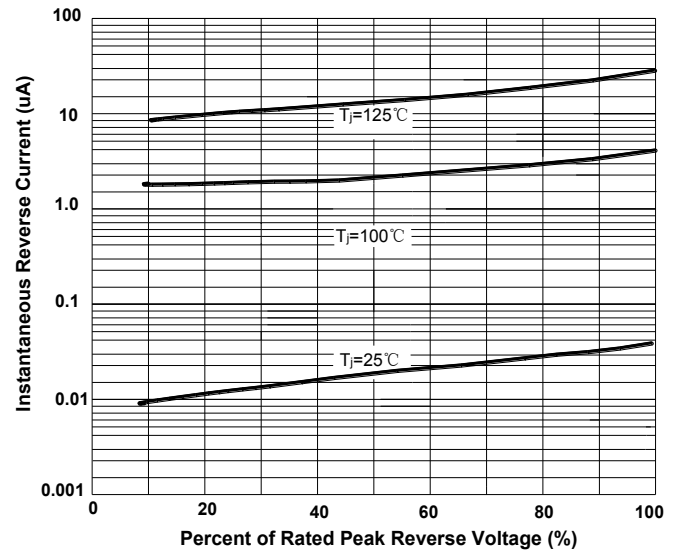
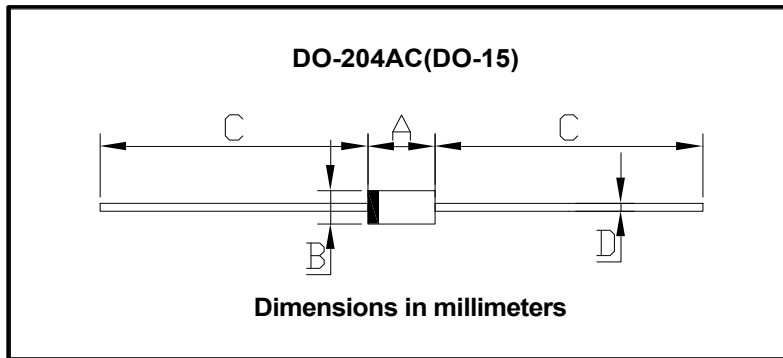


FIG.4: Typical Reverse Characteristics



■ Outline Dimensions

DO-204AC(DO-15)		
Dim	Min	Max
A	5.80	7.60
B	2.60	3.60
C	25.4	/
D	0.70	0.90



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