

PARAMETER		SYMBOL	VALUE	UNITS
Reverse Voltage		V <sub>R</sub>	75	V
Peak Reverse Voltage		V <sub>RM</sub>	100	V
RMS Voltage		V <sub>RMS</sub>	50	V
Maximum DC Blocking Voltage		V <sub>DC</sub>	75	V
Maximum Average Forward Current at TA=25°C		I <sub>F(AV)</sub>	200	mA
Peak Forward Surge Current, 0.001ms		I <sub>FSM</sub>	4	А
Power Dissipation Derate Above 25°C		P <sub>TOT</sub>	410	mW
Maximum Forward Voltage		V <sub>F</sub>	0.715@1mA 0.855@10mA 1@50mA 1.25@150mA	V
Maximum DC Reverse Current at Rated DC Blocking Voltage TJ= $25^{\circ}$ C		I <sub>R</sub>	0. 025@20V 2. 5@75V	μΑ
Junction Capacitance (Notes 1)		C	1.5	pF
Maximum Reverse Recovery Time (Notes 2)		t <sub>rr</sub>	4	ns
Typical Thermal Resistance	(Notes 3) (Notes 3)	R <sub>aja</sub> R <sub>ajc</sub> R <sub>ajl</sub>	450 257 329	°C / W
Operating and Storage Temperature Range	· · ·	T <sub>J,</sub> T <sub>STG</sub>	-55 to +150	°C

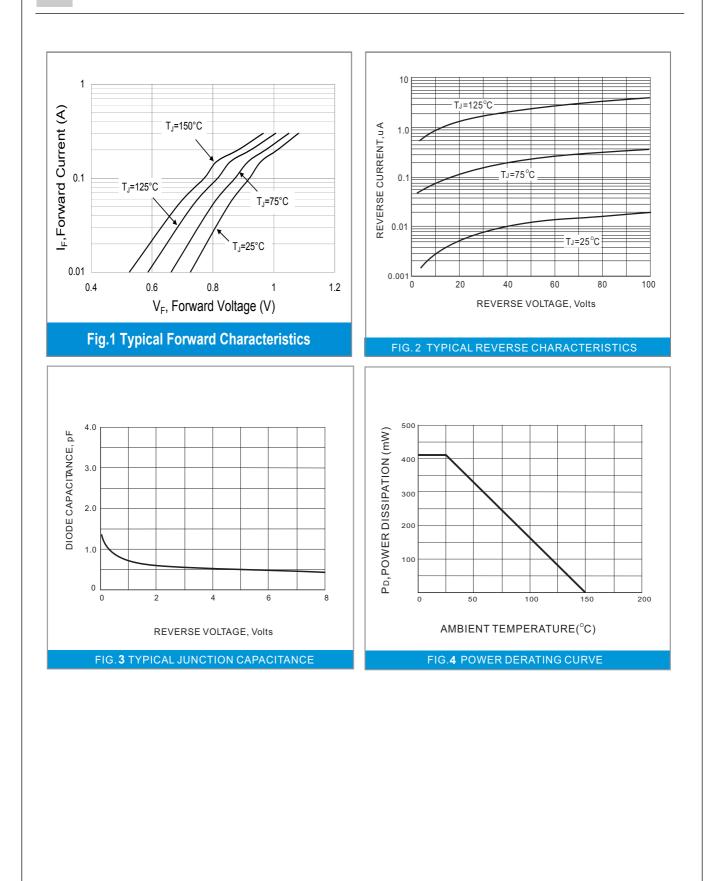
#### NOTE :

1.CJ at VR=0, f=1MHZ

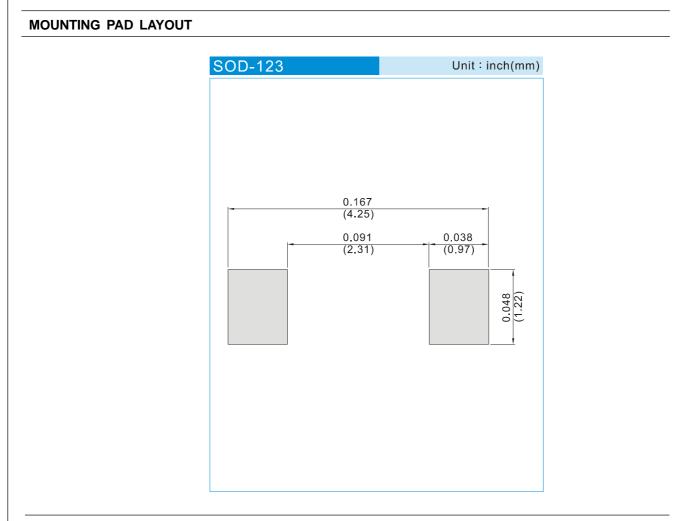
2.From IF=10mA to IR=1mA, VR=6Volts, RL=100 $\Omega$ 

3. Mounted on a FR4 PCB, single-sided copper, with 100cm<sup>2</sup> copper pad area.







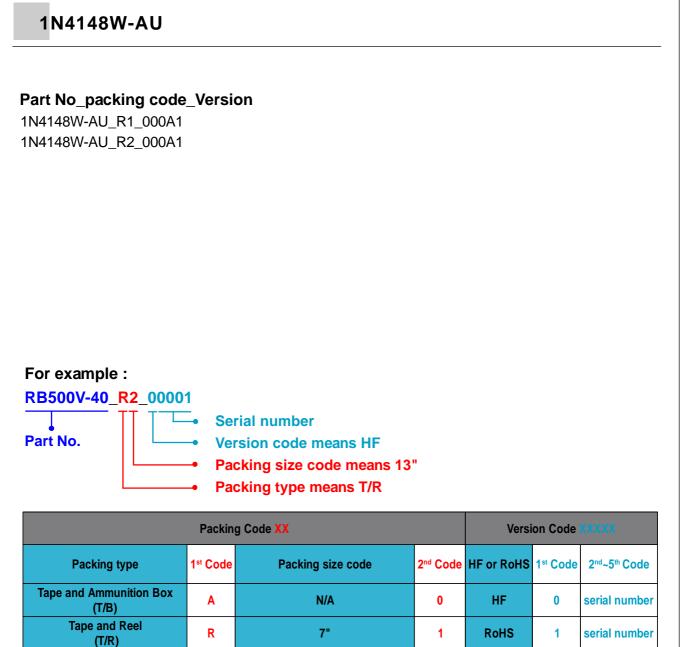


#### ORDER INFORMATION

Packing information

T/R - 10K per 13" plastic Reel T/R - 3K per 7" plastic Reel





13"

26mm

52mm

PANASERT T/B CATHODE UP

(PBCU) PANASERT T/B CATHODE DOWN

(PBCD)

2

Х

Y

U

D

**Bulk Packing** 

(B/P) Tube Packing

(T/P) Tape and Reel (Right Oriented)

(TRR) Tape and Reel (Left Oriented)

(TRL)

FORMING

В

Т

S

L

F



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