

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS (TJ = 25°C unless otherwise noted)

PARAMETER		SYMBOL	VALUE	UNITS
Reverse Voltage		V _R	75	V
Peak Reverse Voltage		V _{RM}	100	V
RMS Voltage		V _{RMS}	50	V
Maximum DC Blocking Voltage		V _{DC}	75	V
Maximum Average Forward Current at TA=25°C		I _{F(AV)}	200	mA
Peak Forward Surge Current, 0.001ms		I _{FSM}	4	А
Power Dissipation Derate Above 25°C		P _{TOT}	410	mW
Maximum Forward Voltage		V _F	0. 715@1mA 0. 855@10mA 1@50mA 1. 25@150mA	v
Maximum DC Reverse Current at Rated DC Blocking Voltage TJ= 25° C		I _R	0. 025@20V 2. 5@75V	μΑ
Junction Capacitance (Notes 1)		C」	1. 5	pF
Maximum Reverse Recovery Time (Notes 2)		t _{rr}	4	ns
Typical Thermal Resistance	(Notes 3) (Notes 3)	R _{ejA} R _{ejC} R _{ejL}	450 257 329	°C / W
Operating and Storage Temperature Range		T _{J,} T _{stg}	-55 to +150	°C

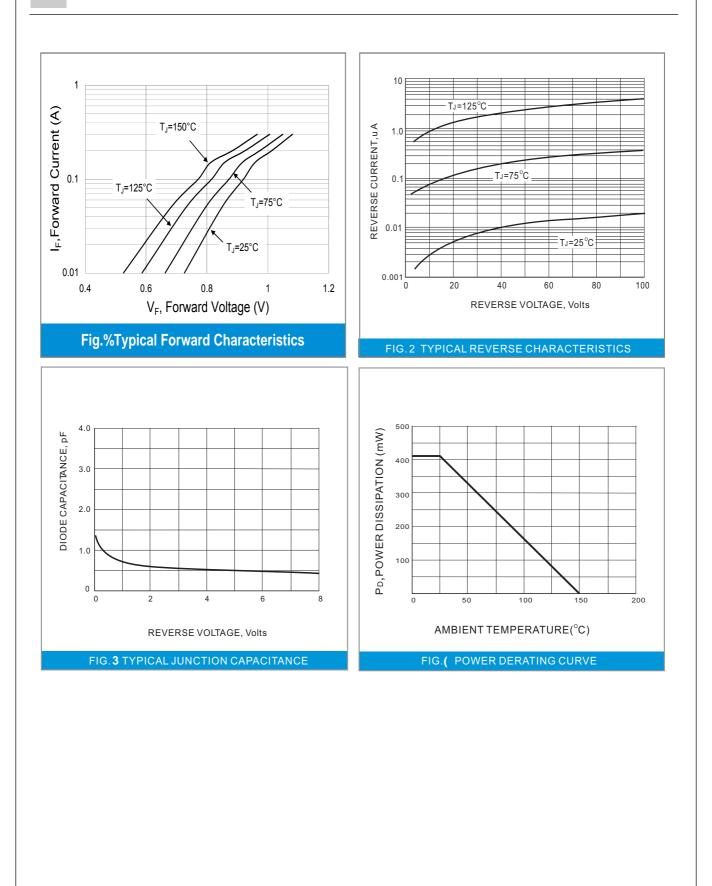
NOTE :

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

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

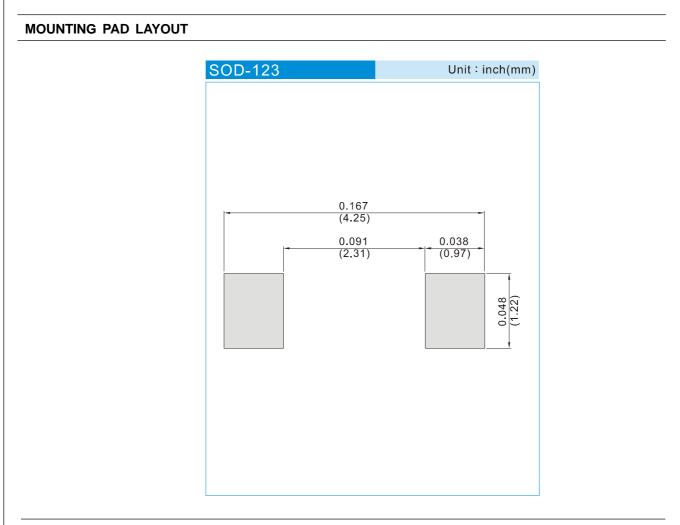
3.Mounted on a FR4 PCB, single-sided copper, with 100cm² copper pad area.





÷,



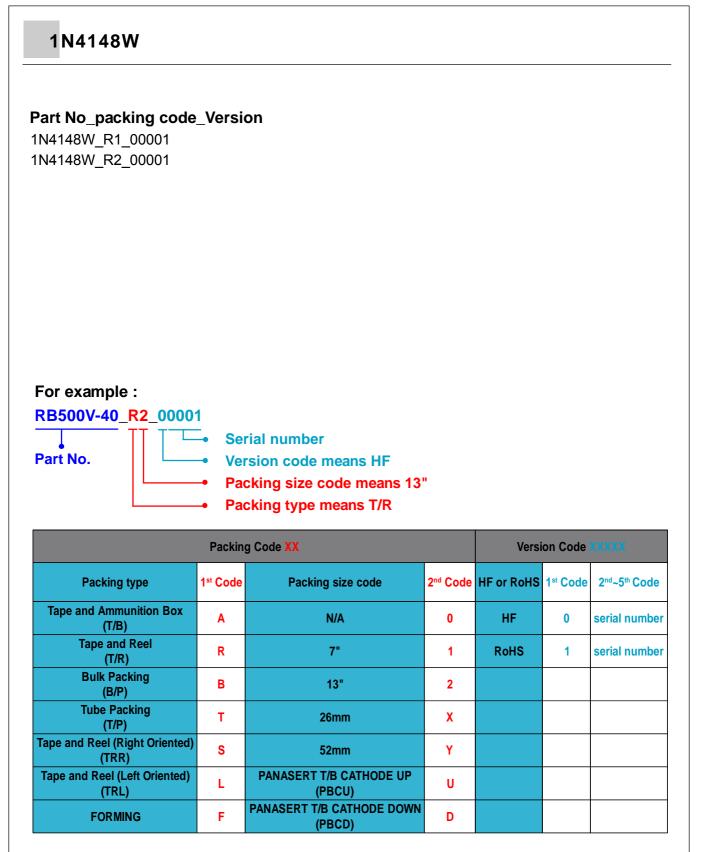


ORDER INFORMATION

Packing information

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







Disclaimer

- Reproducing and modifying information of the document is prohibited without permission from Panjit International Inc..
- Panjit International Inc. reserves the rights to make changes of the content herein the document anytime without notification. Please refer to our website for the latest document.
- Panjit International Inc. disclaims any and all liability arising out of the application or use of any product including damages incidentally and consequentially occurred.
- Panjit International Inc. does not assume any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.
- Applications shown on the herein document are examples of standard use and operation. Customers are responsible in comprehending the suitable use in particular applications. Panjit International Inc. makes no representation or warranty that such applications will be suitable for the specified use without further testing or modification.
- The products shown herein are not designed and authorized for equipments requiring high level of reliability or relating to human life and for any applications concerning life-saving or life-sustaining, such as medical instruments, transportation equipment, aerospace machinery et cetera. Customers using or selling these products for use in such applications do so at their own risk and agree to fully indemnify Panjit International Inc. for any damages resulting from such improper use or sale.
- Since Panjit uses lot number as the tracking base, please provide the lot number for tracking when complaining.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Diodes - General Purpose, Power, Switching category:

Click to view products by Panjit manufacturer:

Other Similar products are found below :

RD0306T-H BAQ33-GS18 BAV17-TR BAV19-TR 1SS181-TP 1SS193,LF 1SS400CST2RA SDAA13 SHN2D02FUTW1T1G LS4151GS08 1N4449 1N456A 1N4934-E3/73 1N914B 1N914BTR RFUH20TB3S BAS 28 E6327 BAV199-TP BAW56DWQ-7-F BAW75-TAP MM230L-CAA IDW40E65D1 LL4151-GS18 053684A SMMSD4148T3G 707803H SP000010217 ACDSW4448-HF CDSZC01100-HF BAV199E6433HTMA1 BAV70M3T5G SMBT2001T1G DLM10C-AT1 BAS28-7 BAW56HDW-13 BAS28 TR VS-HFA04SD60STR-M3 NSVM1MA152WKT1G BAV99TQ-13-F BAS21DWA-7 P600K MMDB30-E28X VS-HFA04SD60SL-M3 LS4148 IDV15E65D2 NSVM1MA152WAT1G JANTXV1N4454-1 S5AC S1B S1D