

Technical Data

DIODE



maximum ratings

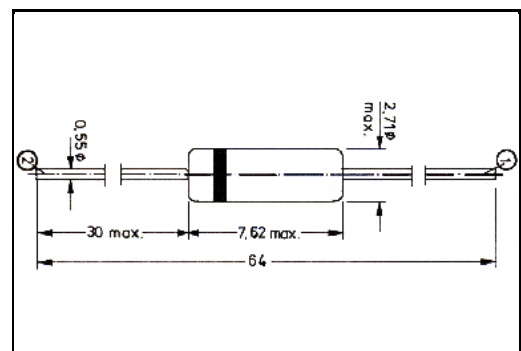
Voltage, Reverse (VR)	30.0	V	NO.	1N5461B
Voltage, Reverse Peak (VRM)		V	TYPE	VARICAP
Current at VR = 0V (IO)		A		HI - Q
Current Average Rectified (IF)		A		
Current Surge Peak (IFM)		A	CASE	DO-7
Current, Surge (IFM) at tp =		A		
Max. Power Dissipation (PT) at TC = 25 °C	0.4	W		
Max. Thermal Resistance (Rth J-A)	375.0	°C/W		
Max. Junction Temperature (TJ)	175.0	°C		

PERFORMANCE CHARACTERISTICS at $T_c = 25^\circ\text{C}$, unless otherwise noted

NO.	SYMBOL	CONDITIONS	MIN.	MAX.	UNITS
1.	VR	IR = 10.0 μA	30.0	-	V
2.	IR	VR = 25.0 V	-	0.02	μA
3.	IR	VR = 25.0 V, TA = 150.0 °C	-	20.0	μA
4.	CT	VR = 4.0 V, f = 1.0 MHz	6.46	7.14	pF
5.	C2/C30	f = 1.0 MHz	2.7	3.1	-
6.	Qs	VR = 4.0 V, f = 50.0 MHz	600.0	-	-
7.	CC	f = 1.0 MHz	0.1	0.25	pF
8.					
9.					
10.					
11.					
12.					
13.					
14.					
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16.					
17.					
18.					
19.					
20.					

Notes

DIMENSIONS
in mm



Marking 1N5461B
Customer GENERAL PURPOSE