

Technical Data

DIODE



maximum ratings

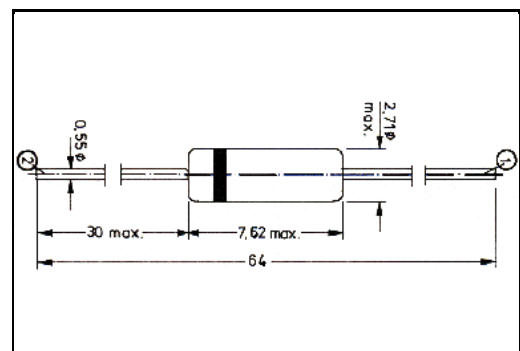
Voltage, Reverse (VR)	100.0	V	NO.	1N270
Voltage, Reverse Peak (VRM)		V	TYPE	GERMANIUM
Current at VR = 0V (IO)		A		
Current Average Rectified (IF)	0.04	A		
Current Surge Peak (IFM)	0.33	A	CASE	DO-7
Current, Surge (IFM) at tp =		A		
Max. Power Dissipation (PT) at TC = 25 °C		W		GOLD-BONDED
Max. Thermal Resistance (Rth J-A)		°C/W		
Max. Junction Temperature (TJ)	90.0	°C		

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

NO.	SYMBOL	CONDITIONS	MIN.	MAX.	UNITS
1.	IR	VR = 50 V	-	0.1	mA
2.	IR	VR = 100 V	-	1.0	mA
3.	VF	IF = 200 mA (1)	-	1.0	V
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					

Notes (1) pulse-tested $t_p \leq 300 \mu\text{s}$, duty cycle $\leq 2\%$

DIMENSIONS
in mm



Marking 1N270
Customer GENERAL PURPOSE