

Technical Data

DIODE



maximum ratings

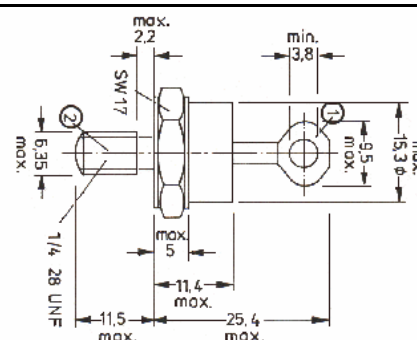
Voltage, Reverse (VZ)	18.0	V	NO.	1N3317B
Voltage, Reverse Peak (VRM)		V	TYPE	50W-ZENER
Current at VR = OV (IO)		A		
Current Average Rectified (IZM)		A		
Current Surge Peak (IZM)	2.3	A	CASE	DO-5_UNF
Current, Surge (IFM) at tp =		A		ANODE TO CASE
Max. Power Dissipation (PT) at TC = 75 °C	50.0	W		
Max. Thermal Resistance (Rth J-C)	2.0	°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.	VF	IF = 10.0 A (1)	-	1.5	V
2.	VZ	IZ = 700.0 mA	17.1	18.9	V
3.	IR	VR = 13.7 V	-	5.0	μA
4.	RZ	IZ = 700.0 mA	-	2.0	Ω
5.	RZ	IZ = 5.0 mA	-	80.0	Ω
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Notes (1)typical value

DIMENSIONS
in mm



Marking	1N3317B
Customer	GENERAL PURPOSE