

maximum ratings

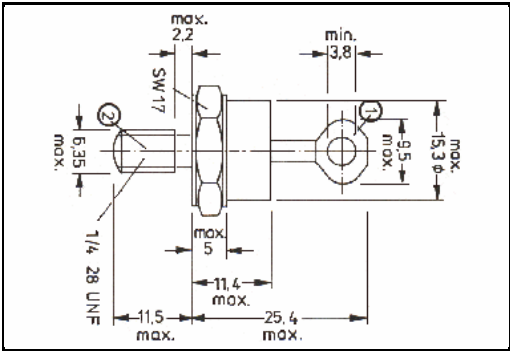
Voltage, Reverse (VZ)	175.0	V	NO.	1N3348B-M
Voltage, Reverse Peak (VRM)		V	TYPE	50W-ZENER
Current at VR = OV (IO)		A		
Current Average Rectified (IZM)	0.22	A		
Current Surge Peak (IFM)		A	CASE	DO-5_UNF
Current, Surge (IFM) at tp =		A		MIL-S-19500
Max. Power Dissipation (PT) at TC = 75 °C	50.0	W		BURN-IN 48h/125°C
Max. Thermal Resistance (Rth J-C)	2.0	°C/W		
Max. Junction Temperature (TJ)	175.0	°C		

PERFORMANCE CHARACTERISTICS at T_c = 25°C, unless otherwise noted

NO.	SYMBOL	CONDITIONS	MIN.	MAX.	UNITS
1.	VF	IF = 10.0 A (1)	-	1.5	V
2.	VZ	IZ = 70.0 mA	166.25	183.75	V
3.	IR	VR = 133.0 V	-	5.0	µA
4.	RZ	IZ = 5.0 mA	-	500.0	Ω
5.	RZ	IZ = 70.0 mA	-	85.0	Ω
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Notes (1)typical value

DIMENSIONS
in mm



Marking 1N3348B-M + GREEN DOT
Customer GENERAL PURPOSE