

Technical Data

DIODE



maximum ratings

Voltage, Reverse (VZ)	10.0	V	NO.	1N4104-M
Voltage, Reverse Peak (VRM)		V	TYPE	ZENER
Current at VR = OV (IO)		A		
Current Average Rectified (IF)	0.2	A		
Current Surge Peak (IZM)	0.038	A	CASE	DO-35
Current, Surge (IFM) at tp =		A		MIL-S-19500
Max. Power Dissipation (PT) at TC = °C	0.4	W		BURN-IN 48h/125°C
Max. Thermal Resistance (Rth J-A)	300.0	°C/W		
Max. Junction Temperature (TJ)	200.0	°C		

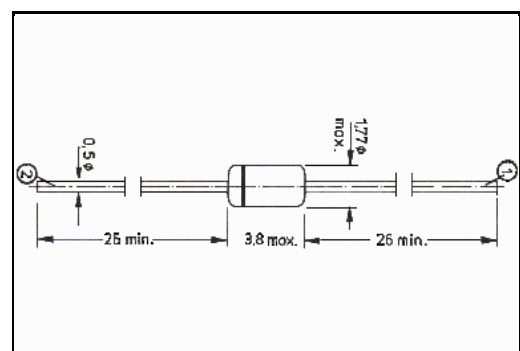
PERFORMANCE CHARACTERISTICS at $T_c = 25^\circ\text{C}$, unless otherwise noted

NO.	SYMBOL	CONDITIONS	MIN.	MAX.	UNITS
1.	VZ	$I_Z = 0.25 \text{ mA}$, $t_p = 100.0 \mu\text{s}$, $\text{dc} = 0.1\%$	9.0	10.5	V
2.	RZ	$I_Z = 0.25 \text{ mA}$, $\Delta I_Z = 10.0\% I_Z$, $f = 1.0 \text{ kHz}$	-	200.0	Ω
3.	IR	$V_R = 7.6 \text{ V}$	-	1.0	μA
4.	VF	$I_F = 200.0 \text{ mA}$ (1)	-	1.0	V
5.	ND	$I_Z = 0.25 \text{ mA}$	-	40.0	$\mu\text{V}/\text{HZ}$
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20.					

Notes

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

DIMENSIONS
in mm



Marking 4104-M + GREEN DOT

Customer GENERAL PURPOSE