



MMBD7000

Dual Switching Diode

Features

- Epoxy meets UL-94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Fast switching speed
- High Conductance
- Surface mount package
- Insertion

Ordering Information (Example)

PREFERRED P/N	PACKING CODE	UNIT WEIGHT(g)	M
MMBD7000	F2	Approximate 0.008	PAC

Mechanical Data

- **Package:** SOT-23
- **Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B102
- **Polarity:** Cathode line denotes the cathode end
- **Marking:** M5C

■Maximum Ratings (Ta=25 - Unless otherwise specified)

Item	Symbol	Unit
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MMBD7000

■Electrical Characteristics $T_a = 25^\circ\text{C}$ - Unless otherwise specified, Per Leg

Item	Symbol	Unit	Conditions	Min	Max
Reverse Voltage	V_R	V	$I_R = 100\mu\text{A}$	100	
Forward Voltage	V_F	V	$I_F = 1\text{mA}$	0.55	0.7
			$I_F = 10\text{mA}$	0.67	0.82

I_F



Technical drawing of a mechanical part with dimensions in mm. The part has a total width of 1.600 mm (0.800 mm on each side of a central 0.900 mm wide section). The total height is 2.000 mm. The top section is 0.900 mm high. The bottom section is 0.950 mm high. The central section is 0.900 mm wide. The dimensions are given in mm.



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