

MMBV3401

SURFACE MOUNT PIN DIODE

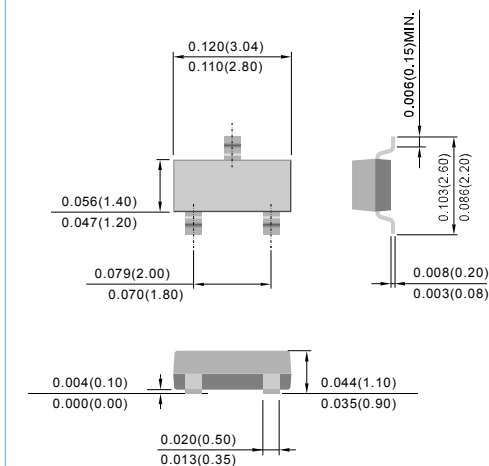
VOLTAGE 35 Volts **POWER** 200 mW

Very low series resistance at 100MHz (0.45Ω typical@ $I_F=10\text{mA}$)
Low capacitance (0.8pF typical@ $V_R=20\text{V}$)
Surface mount package ideally suited for automatic insertion

MECHANICAL DATA

Case: SOT-23 plastic
Terminals : Solderable per MIL-STD-750,Method 2026
Approx Weight: 0.008 grams
Device Marking : V34

SOT-23 Unit: inch (mm)



ABSOLUTE RATINGS

Parameter	Symbol	Value	Units
Maximum Reverse Voltage	V_R	35	V
Continuous Forward Current	I_F	0.2	A
Power Dissipation (Note 1)	P_{TOT}	200	mW
Junction and Storage Temperature Range	T_J, T_{STG}	-55 to 150	$^{\circ}\text{C}$

THERMAL CHARACTERISTICS

Parameter	Symbol	Value	Units
Thermal Resistance, Junction to Ambient (Note 1)	$R_{\theta JA}$	625	$^{\circ}\text{C} / \text{W}$

Note 1 : FR-4 Board 70 x 60 x 1mm.

