



MMVL3401TS

SURFACE MOUNT PIN DIODE

VOLTAGE 35 Volts **POWER** 200 mW

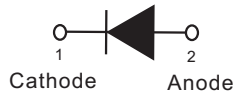
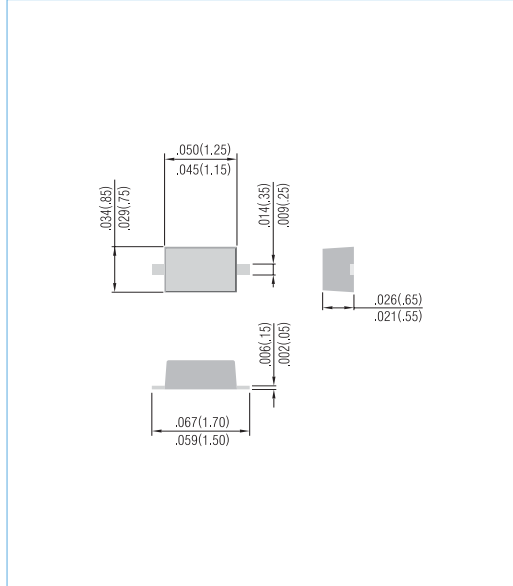
SOD-523 Unit: inch (mm)

FEATURES

- Very low series resistance at 100MHz (0.45 Ω typical@I_r=10mA)
- Low capacitance (0.8pF typical@V_r=20V)
- Surface mount package ideally suited for automatic insertion
- In compliance with EU RoHS 2002/95/EC directives

MECHANICAL DATA

- Case: SOD-523 plastic
- Terminals : Solderable per MIL-STD-750,Method 2026
- Approx Weight: 0.008 grams
- Device Marking : 34
- Polarity : Color band cathode



ABSOLUTE RATINGS

PARAMETER	SYMBOL	VALUE	UNITS
Maximum Reverse Voltage	V _R	35	V
Continuous Forward Current	I _F	0.2	A
Power Dissipation ⁽¹⁾	P _{TOT}	200	mW
Junction and Storage Temperature Range	T _J , T _{STG}	-55 to 150	°C

THERMAL CHARACTERISTICS

PARAMETER	SYMBOL	VALUE	UNITS
Thermal Resistance , Junction to Ambient ⁽¹⁾	R _{θJA}	625	°C/W

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

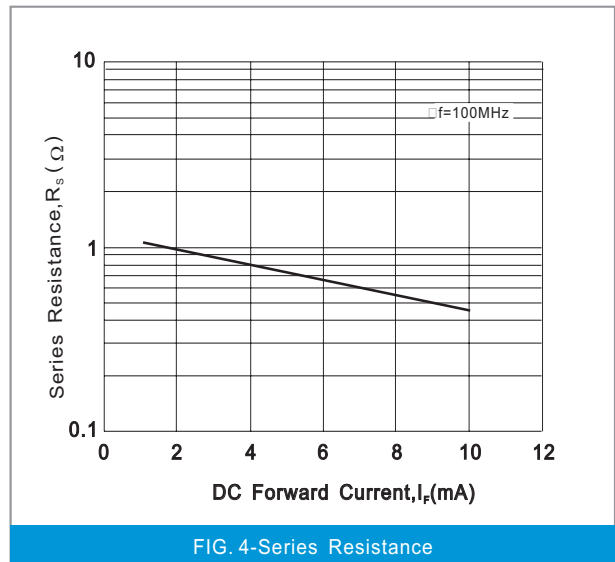
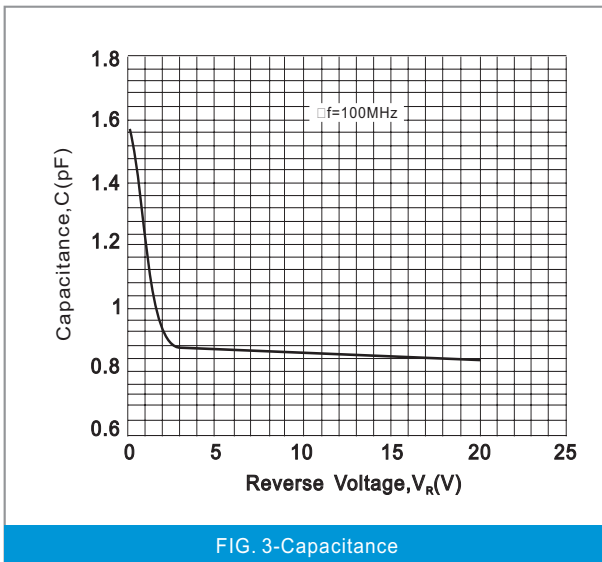
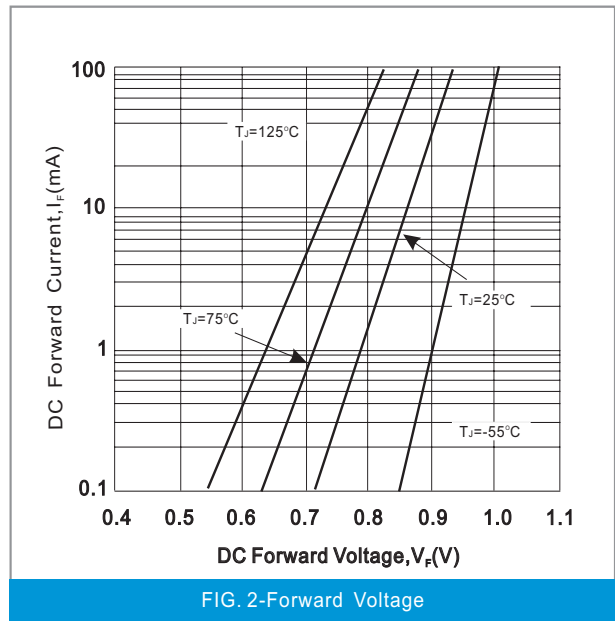
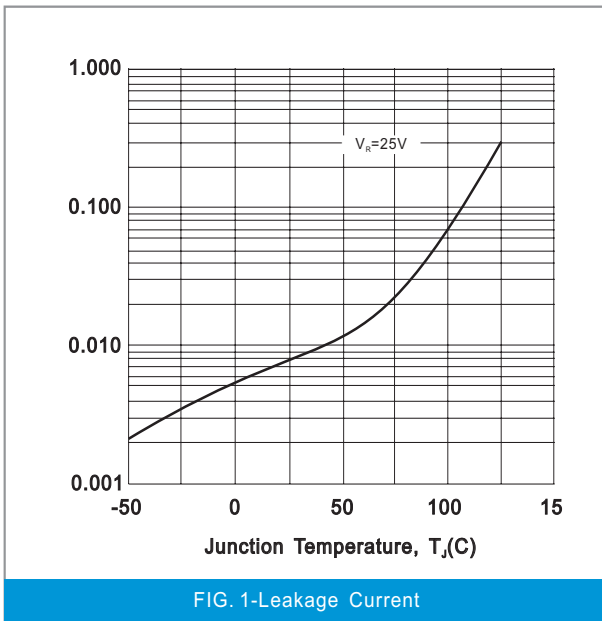


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ELECTRICAL CHARACTERISTICS (T_A=25°C, unless otherwise noted)

PARAMETER	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNITS
Reverse Breakdown Voltage	V _(BR)	I _R =10μA	35	-	-	V
Reverse Current	I _R	V _R =25V	-	-	100	nA
Series Resistance	R _S	I _F =10mA, f=100MHz	-	0.45	0.7	Ω
Total Capacitance	C _T	f=1.0MHz ; V _R =20V	-	-	1.0	pF

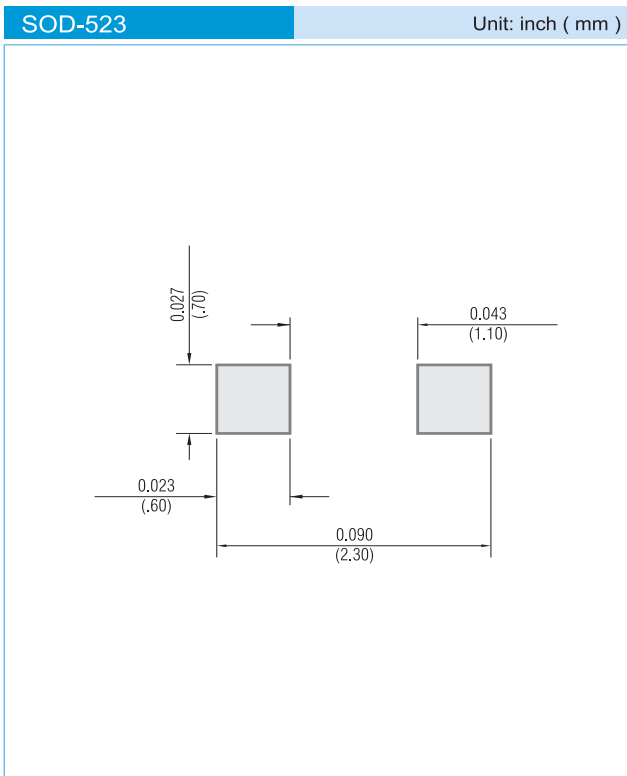
ELECTRICAL CHARACTERISTICS CURVE





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MOUNTING PAD LAYOUT



ORDER INFORMATION

- Packing information

T/R - 12K per 13" plastic Reel

T/R - 5K per 7" plastic Reel

LEGAL STATEMENT

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