MA27P060G

Silicon planar type

For high frequency switch

■ Features

- Low terminal capacitance: $C_t \leq 0.6$ pF
- Low forward dynamic resistance: $r_f \leq 1.2\ \Omega$

■ Package

- Code
  SSSMini2-F3
- Pin Name
  1: Anode
  2: Cathode

■ Marking Symbol: M

■ Absolute Maximum Ratings $T_a = 25°C$

Parameter	Symbol	Rating	Unit
Reverse voltage	V_R	60	V
Forward current	I_F	100	mA
Power dissipation *	P_D	150	mW
Junction temperature	T_j	150	°C
Storage temperature	T_{stg}	−55 to +150	°C

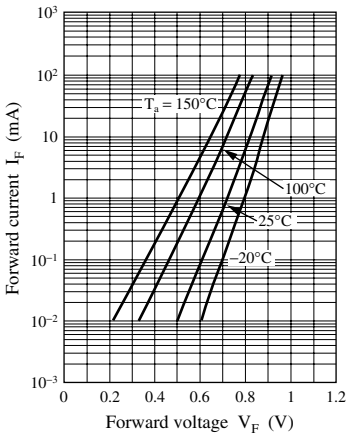
Note) ∗: With a glass epoxy PC board.

■ Electrical Characteristics $T_a = 25°C \pm 3°C$

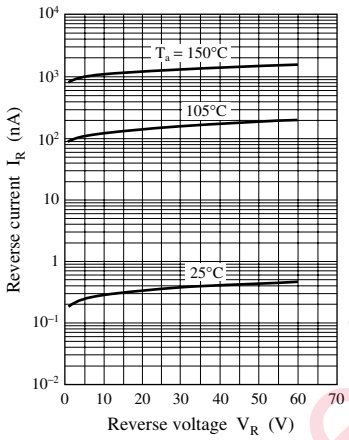
Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V_F	$I_F = 10$ mA		0.85	1.0	V
Reverse current	I_R	$V_R = 60$ V		1.0	100	nA
Terminal capacitance	C_t	$V_R = 1$ V, f = 1 MHz		0.45	0.6	pF
Forward dynamic resistance	r_f	$I_F = 10$ mA, f = 100 MHz		0.80	1.2	Ω

Note) Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7031 measuring methods for diodes.

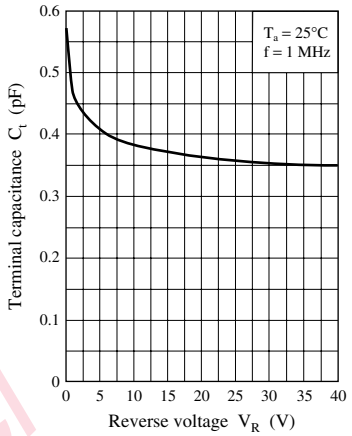
I_F — V_F



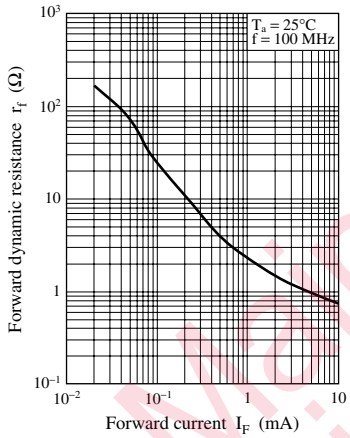
I_R — V_R



C_t — V_R

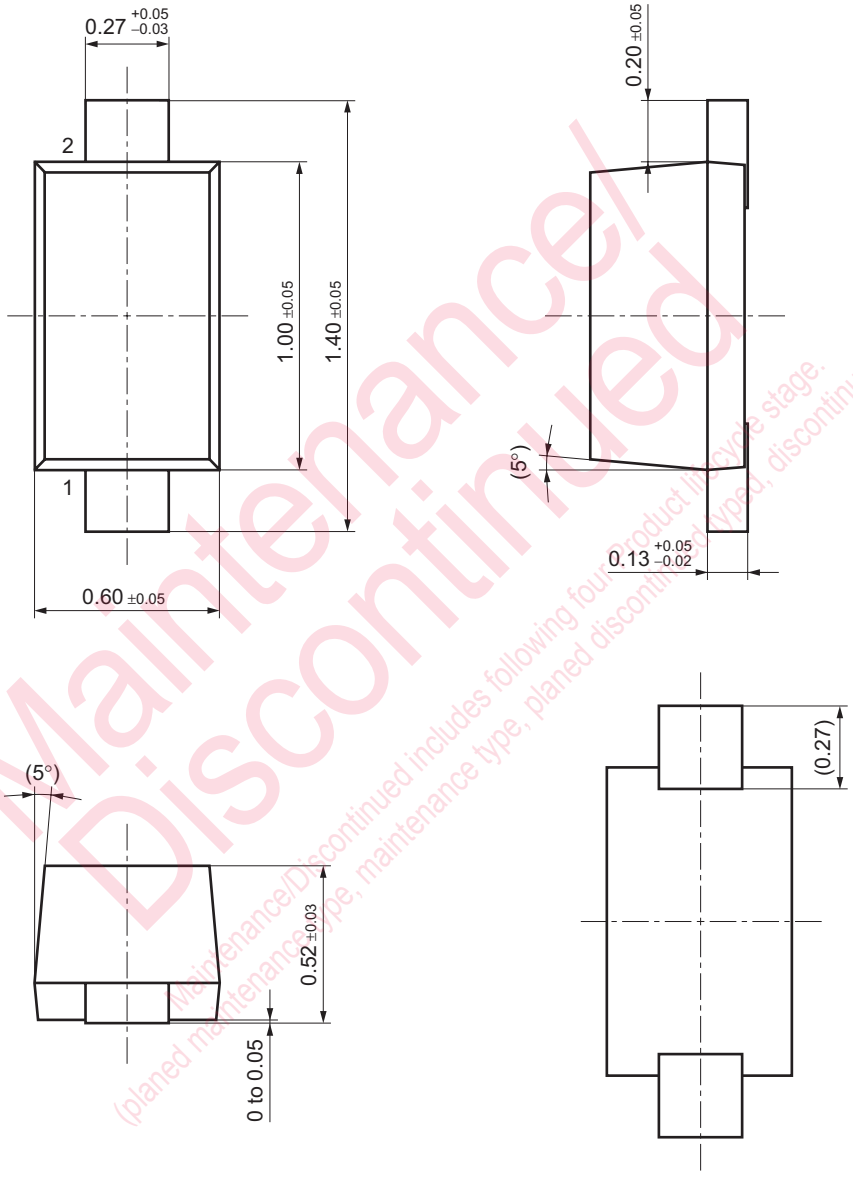


r_f — I_F



SSSMini2-F3

Unit: mm



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