

MA2SP05

Silicon epitaxial planar type

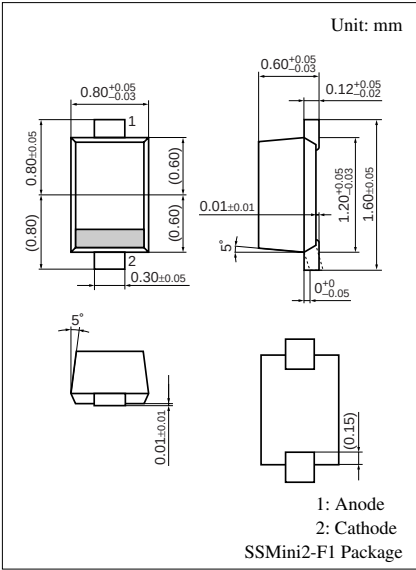
For high frequency attenuator

■ Features

- High performance forward current controlled forward dynamic resistance
- Low terminal capacitance
- Miniature package and surface mounting type

■ Absolute Maximum Ratings $T_a = 25^{\circ}\text{C}$

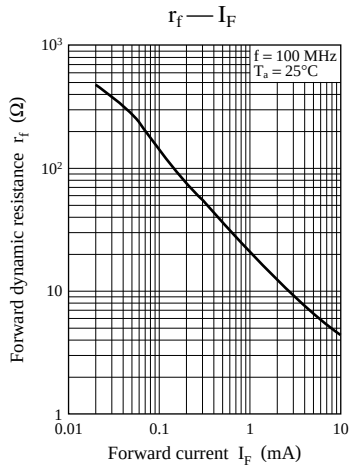
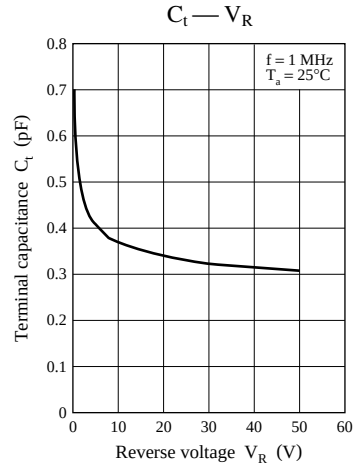
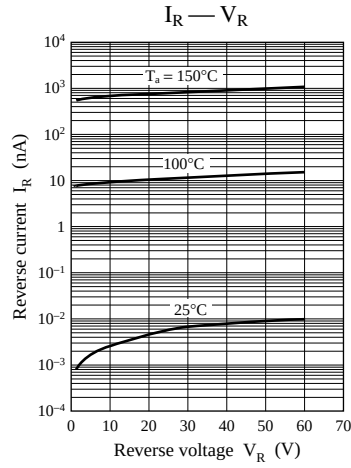
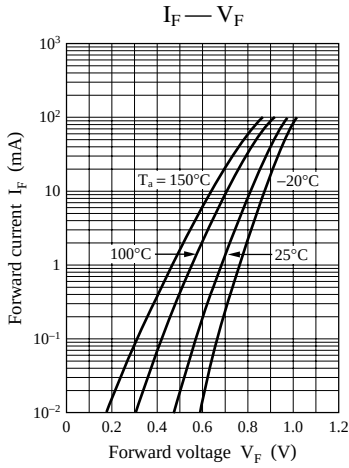
Parameter	Symbol	Rating	Unit
Reverse voltage (DC)	V_R	60	V
Forward current (DC)	I_F	50	mA
Junction temperature	T_j	150	$^{\circ}\text{C}$
Storage temperature	T_{stg}	-55 to +150	$^{\circ}\text{C}$



Marking Symbol: 6P

■ Electrical Characteristics $T_a = 25^{\circ}\text{C} \pm 3^{\circ}\text{C}$

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Reverse current (DC)	I_R	$V_R = 60\text{ V}$			100	nA
Forward voltage (DC)	V_F	$I_F = 10\text{ mA}$			1.0	V
Terminal capacitance	C_t	$V_R = 0\text{ V}, f = 1\text{ MHz}$			2.4	pF
Forward dynamic resistance	r_f	$I_F = 10\text{ mA}, f = 100\text{ MHz}$			5.5	Ω



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