

MA2SP050G

Silicon epitaxial planar type

For high frequency attenuator

■ Features

- High performance forward current I_F controlled forward dynamic resistance r_f
- Small terminal capacitance C_t
- Miniature package and surface mounting type

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

Parameter	Symbol	Rating	Unit
Reverse voltage	V_R	60	V
Forward current	I_{F}	50	mA
Junction temperature	T _j	150	°C
Storage temperature	T _{stg}	-55 to +150	°C

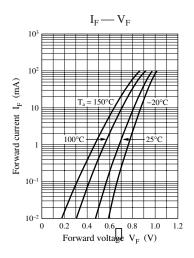
Package

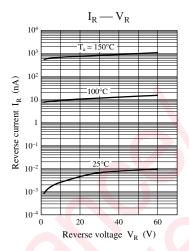
- Code SSMini2-F4
- Pin Name
 - 1: Anode
 - 2: Cathode
- Marking Symbol: 6P

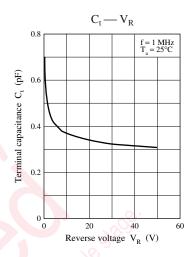
■ Electrical Characteristics T_a = 25°C ± 3°C

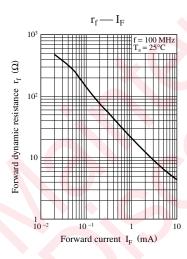
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Forward voltage	$V_{\rm F}$	$I_F = 10 \text{ mA}$	1.90		1.0	V
Reverse current	I_R	V _R = 60 V			100	nA
Terminal capacitance	C _t	$V_R = 0 V, f = 1 MHz$			2.4	pF
Forward dynamic resistance	$r_{\rm f}$	I _F = 10 mA, f = 100 MHz			5.5	Ω

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



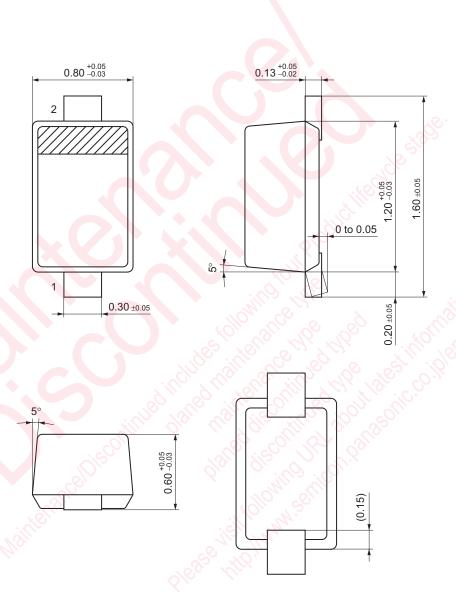






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SSMini2-F4 Unit: mm



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