0.60+0.05

Unit: mm

MA2SP02

Silicon epitaxial planar type

For high frequency switch

Features

- Low terminal capacitance: $C_t \le 0.5 \text{ pF}$
- \bullet Low forward dynamic resistance: $r_f \leq 2.0~\Omega$
- Miniature package and surface mounting type

	$0.80^{+0.05}_{-0.03}$ $0.12^{+0.05}_{-0.02}$
nit A W C	5 6 1: Anode 2: Cathode SSMini2-F1 Package

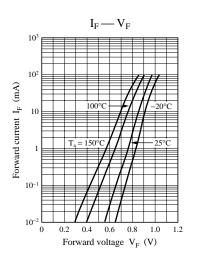
Absolute Maximum Ratings $T_a = 25^{\circ}C$

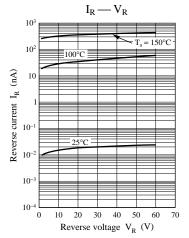
Parameter	Symbol	Rating	Unit
Reverse voltage (DC)	V _R	60	V
Forward current (DC)	I_F	100	mA
Power dissipation	P _D	150	mW
Junction temperature	Tj	150	°C
Storage temperature	T _{stg}	-55 to +150	°C

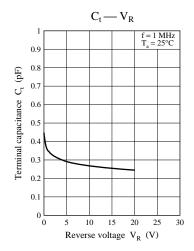
Marking Symbol: 3P

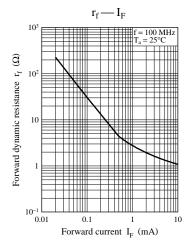
Electrical Characteristics $T_a = 25^{\circ}C \pm 3^{\circ}C$

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Reverse current (DC)	I _R	$V_R = 60 V$			100	nA
Forward voltage (DC)	V _F	$I_F = 10 \text{ mA}$			1.0	V
Terminal capacitance	Ct	$V_R = 1 V, f = 1 MHz$			0.5	pF
Forward dynamic resistance	r _f	$I_F = 10 \text{ mA}, f = 100 \text{ MHz}$			2.0	Ω









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