MA2SE010G

Silicon epitaxial planar type

For mixer

■ Features

- High-frequency wave detection is possible
- ullet Low forward voltage V_F
- Small terminal capacitance C_t
- SS-Mini type 2-pin package

■ Absolute Maximum Ratings $T_a = 25$ °C

Parameter	Symbol	Rating	Unit	
Reverse voltage	V_R	20	V	
Maximum peak reverse voltage	V_{RM}	20	V	
Forward current	I_{F}	35	mA	
Peak forward current	I_{FM}	100	mA	
Junction temperature	T_{j}	125	°C	
Storage temperature	T_{stg}	-55 to +125	°C	

Package

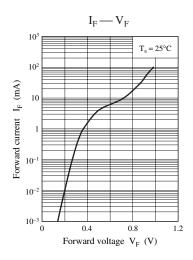
- Code
 - SSMini2-F4
- Pin Name
 - 1: Anode
 - 2: Cathode
- Marking Symbol: 4L

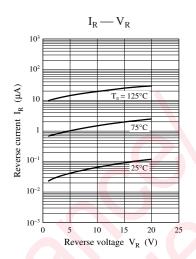
■ Electrical Characteristics $T_a = 25$ °C ± 3 °C

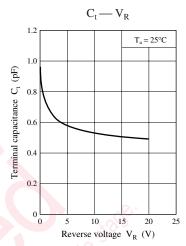
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Forward voltage	V_{F1}	$I_F = 1 \text{ mA}$	00	0,	0.41	V
	V_{F2}	$I_F = 35 \text{ mA}$)-	1.0	V
Reverse current	I_R	$V_R = 15 \text{ V}$	200		200	nA
Terminal capacitance	C _t	$V_R = 0 V, f = 1 MHz$			1.2	pF
Forward dynamic resistance	$r_{\rm f}$	$I_F = 5 \text{ mA}$		40		Ω

Note) 1. Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7031 measuring methods for diodes.

- This product is sensitive to electric shock (static electricity, etc.). Due attention must be paid on the charge of a human body and the leakage of current from the operating equipment.
- 3. Rated input/output frequency: 2 GHz

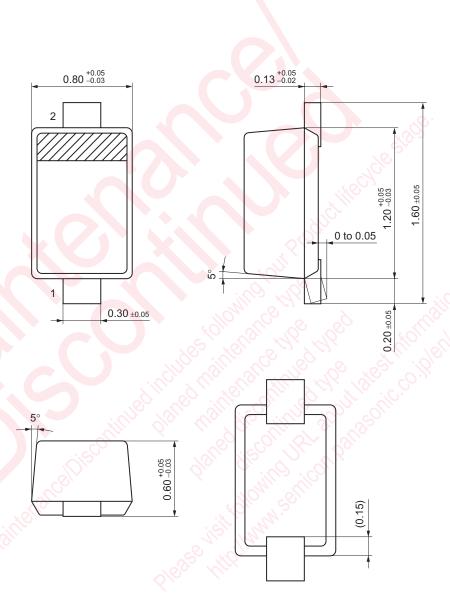






2 SKH00184AED

SSMini2-F4 Unit: mm



SKH00184AED 3

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