

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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MA2SE01

Silicon epitaxial planar type

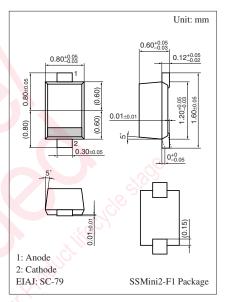
For mixer

■ 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	

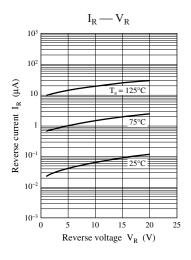


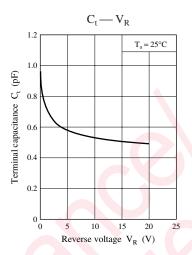
Marking Symbol: 4L

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

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Forward voltage	V_{F1}	$I_F = 1 \text{ mA}$	100	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_{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 SKH00030BED

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