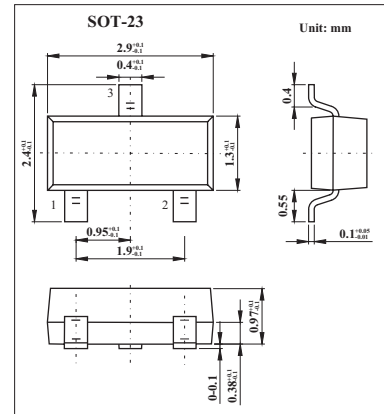


# KB411D(RB411D)

■ Features

- Small surface mounting type
- Low VF. (VF=0.43V Typ. at 0.5A)
- High reliability.
- Silicon epitaxial planar



■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Rating	Unit
Reverse voltage	V <sub>RM</sub>	40	V
DC Reverse voltage	V <sub>R</sub>	20	V
Mean rectifying current	I <sub>o</sub>	0.5	A
Forward current surge peak	I <sub>FSM</sub>	3	A
Junction temperature	T <sub>j</sub>	125	°C
Storage temperature	T <sub>stg</sub>	-40 to +125	°C

■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Testconditons	Min	Typ	Max	Unit
Forward voltage	V <sub>F1</sub>	I <sub>F</sub> =500mA			0.50	V
	V <sub>F2</sub>	I <sub>F</sub> =10mA			0.30	V
Reverse current	I <sub>R1</sub>	V <sub>R</sub> =10V			30	μ A
Capacitance between terminal	C <sub>T</sub>	V <sub>R</sub> =10V , f=1MHz		20		pF

■ Marking

Marking	D3E
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