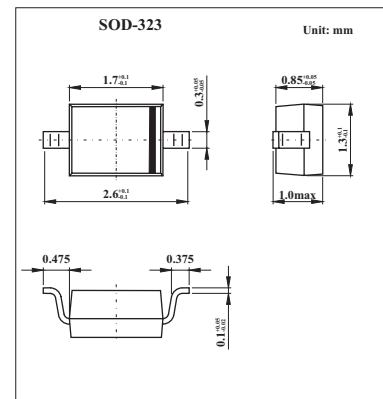


BAT14-03W

■ Features

- DBS mixer application to 12GHz
- Medium barrier type
- Low capacitance



■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Value	Unit
Diode reverse voltage	V _R	4	V
Forward current	I _F	90	mA
Operating temperature range	T _{op}	-55 to +125	°C
Storage temperature	T _{stg}	-55 to +150	
Total power dissipation	P _{tot}	100	mW
Junction ambient ⁽¹⁾	R _{thJA}	≤ 450	°C
Junction-soldering point	R _{thJS}	≤ 690	K/W

Note:

1. Package mounted on an epoxy pcb 40 mm × 40 mm × 15 mm/1cm² Cu.

■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Min	Typ	Max	Unit
Breakdown Voltage	V _(BR)	4			V
Forward voltage	V _F	0.36	0.43	0.52	V
		0.48	0.55	0.66	
Diode capacitance	C _T		0.22	0.35	pF
Differential forward resistance	R _F		5.5		Ω

■ Marking

Marking	O
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