

HSM226S

Silicon Schottky Barrier Diode for High speed switching

REJ03G0057-0100Z Rev.1.00 Jan.21.2004

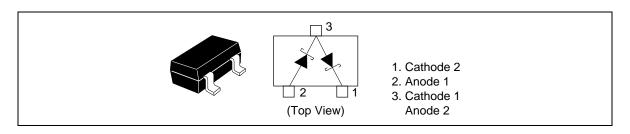
Features

- Low reverse current, Low capacitance.
- MPAK Package is suitable for high density surface mounting and high speed assembly.

Ordering Information

Type No.	Laser Mark	Package Code	
HSM226S	S22	MPAK	

Pin Arrangement



Absolute Maximum Ratings

 $(Ta = 25^{\circ}C)$

Item	Symbol	Value	Unit
Repetitive peak reverse voltage	V_{RRM}	25	V
Non-Repetitive peak forward surge current	I _{FSM} *1 *2	200	mA
forward current	I _F * ²	50	mA
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-55 to +125	°C

Notes: 1. 10 ms sine wave 1 pulse

2. Two device total

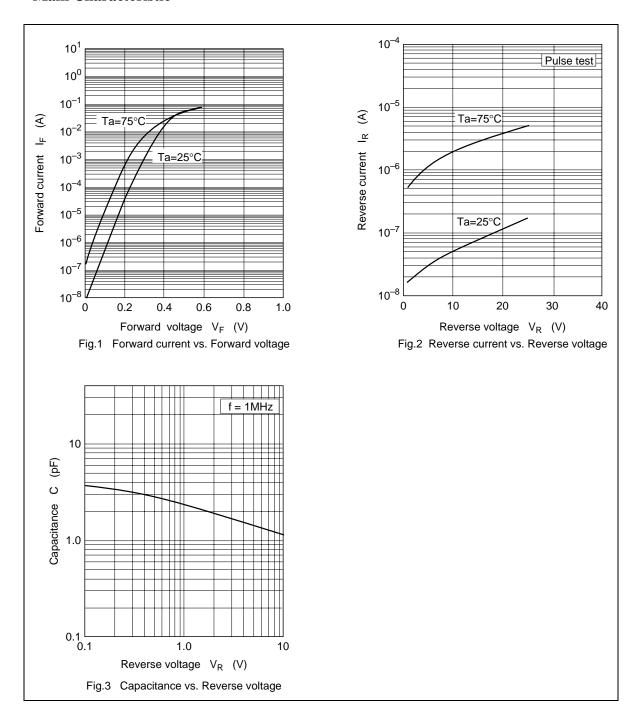
Electrical Characteristics

 $(Ta = 25^{\circ}C)$

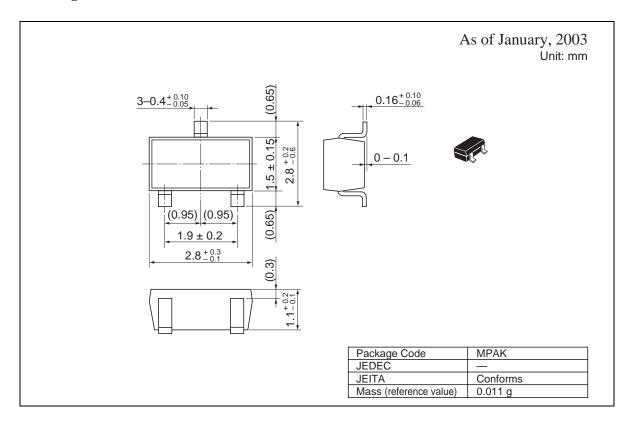
Item	Symbol	Min	Тур	Max	Unit	Test Condition
Forward voltage	V_{F1}	_	_	0.33	V	I _F = 1 mA
	V _{F2}	_	_	0.38	_	I _F = 5 mA
Reverse current	I _R	_	_	0.45	μΑ	V _R = 20 V
Capacitance	С		_	2.80	pF	V _R = 1 V, f = 1 MHz

Note: Per one device

Main Characteristic



Package Dimensions



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