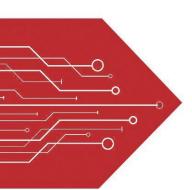
MSKSEMI















ESD

TVS

TSS

MOV

GDT

PLED

Broduct data sheet

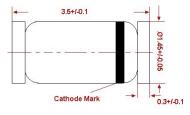




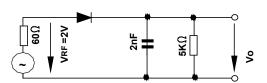


Features

power dissipation IF:200mA VR:75V PKG:LL34 glass case







Rectification Efficiency Measurement Circuit

LL-34

REEL SPECIFICATION

P/N	PKG	QTY
LL4148-MS	LL34	2500

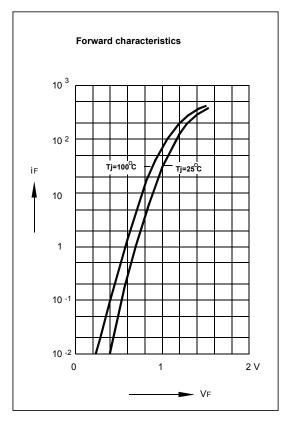
Absolute Maximum Ratings (T_a = 25 °C)

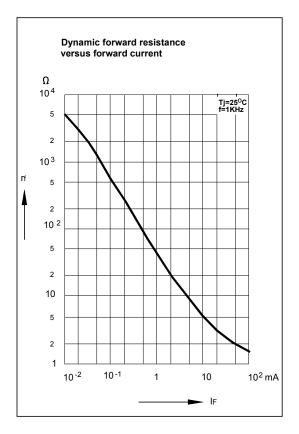
Value	Unit
100	V
75	V
200	mA
0.5 1 4	А
500 ¹⁾	mW
175	°C
- 65 to + 175	°C
	- 65 to + 175

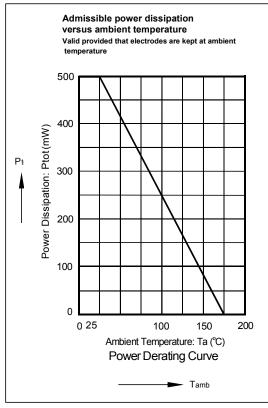
Characteristics at T_a = 25 °C

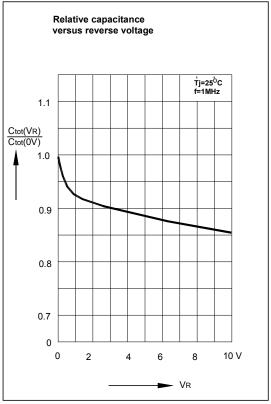
Parameter	Symbol	Min.	Max.	Unit
Forward Voltage at I _F = 10 mA	V _F	-	1	V
Leakage Current at V_R = 20 V at V_R = 75 V at V_R = 20 V, T_j = 150 °C	I _R I _R	- - -	25 5 50	nΑ μΑ μΑ
Reverse Breakdown Voltage tested with 100 µA Pulses	V _{(BR)R}	100	-	V
Capacitance at $V_R = 0$, $f = 1$ MHz	C_{tot}	-	4	pF
Voltage Rise when Switching ON tested with 50 mA Forward Pulses tp = 0.1 s, Rise Time < 30 ns, fp = 5 to 100 KHz	V _{fr}	-	2.5	V
Reverse Recovery Time at I_F = 10 mA to I_R = 1 mA, V_R = 6 V, R_L = 100 Ω	t _{rr}	-	4	ns
Thermal Resistance Junction to Ambient Air	R _{thA}	-	0.35 1)	K/mW
Rectification Efficiency at f = 100 MHz, V _{RF} = 2 V	ην	0.45	-	-
1) Valid provided that electrodes are kept at ambient temperature				

Valid provided that electrodes are kept at ambient temperature.











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