ΡΛΝ	JIT
	SEMI CONDUCTOR



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS (TJ=25°C unless otherwise noted)

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	VR	75	V
Peak Reverse Voltage	Vrm	100	V
RMS Voltage	Vrms	50	V
Maximum DC Blocking Voltage	VDC	75	V
Maximum Average Forward Current at TA=25°C	lav	150	mA
Peak Forward Surge Current, 1µs	IFSM	4	А
Power Dissipation Derate Above 25 °C	Ртот	410	mW
Maximum Forward Voltage	VF	0.715@0.001A	V
		0.855@0.01A	
		1@0.05A	
		1.25@0.15A	





1N4148GW6

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS (TJ=25°C unless otherwise noted)

PARAMETER	SYMBOL	VALUE	UNIT
Maximum DC Reverse Current at Rated DC Blocking	lr	0.025@20V	μΑ
Voltage TJ=25°C		2.5@75V	
Junction Capacitance (Note 1)	CJ	1.5	pF
Maximum Reverse Recovery Time (Note 2)	Trr	4	ns
Typical Thermal Resistance	Reja	450	°C/W
Operating and Storage Temperature Range	TJ	-55 to +150	°C

Note:1.CJ at VR=0, f=1MHZ







1N4148GW6

MOUNTING PAD LAYOUT



ORDER INFORMATION

Packing information
T/R – 10K per 13" plastic Reel
T/R – 3K per 7" plastic Reel









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