

ABSOLUTE RATINGS ($T_A = 25^{\circ}C$, unless otherwise noted)

PARAMETER	SYMBOL	VALUE	UNITS
Reverse Voltage	Vr	75	V
Peak Reverse Voltage	VRRM	100	V
RMS Voltage	Vrms	50	V
Maximum DC Blocking Voltage	VDC	75	V
Maximum Average Forward Current at T $_{\rm A}$ =25 $^{\circ}$ C	l _{F(AV)}	150	mA
Peak Forward Surge Current, 1.0 μs	IFSM	4	А
Power Dissipation Derate Above 25 °C	Ртот	200	mW
Junction Temperature	TJ	150	°C
Storage Temperature Range	Тѕтс	-55 to 150	°C

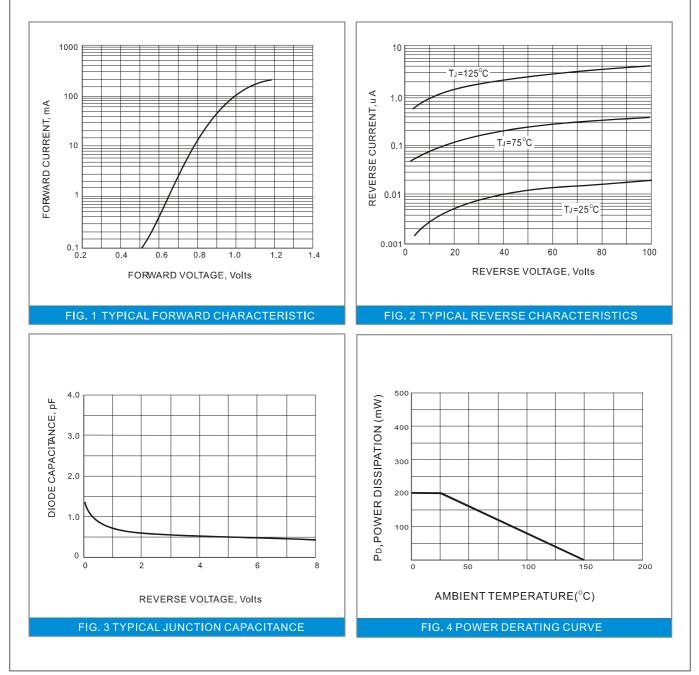
THERMAL CHARACTERISTICS

PARAMETER	SYMBOL	VALUE	UNITS
Typical Thermal Resistance	$R_{_{\!\!\!\!\!\!\!\thetaJ}A}$	635	°C / W

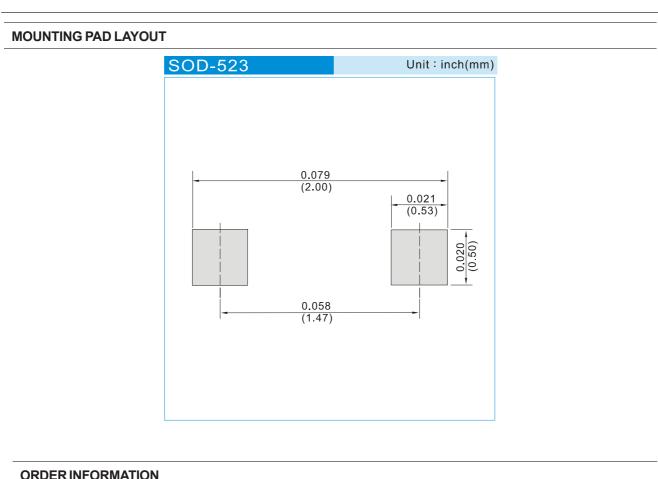


ELECTRICAL CHARACTERISTICS (T_A=25°C , unless otherwise noted)

PARAMETER	SYMBOL	TEST CONDITIONS	VALUE	UNITS
Maximum Forward Voltage	V _F	l⊧=1mA l⊧=10mA l⊧=50mA l⊧=150mA	0.715 0.855 1.00 1.25	V
Reverse Leakage Current	lR	VR=20V VR=75V	0.025 2.5	μA
Maximum Total Capacitance	C _T	VR=0V, f=1MHz	1.5	pF
Maximum Reverse Recovery Time	t _{rr}	l⊧=10mA,lʀ=1mA Vʀ=6V,R∟=100Ω	4	ns







ORDER INFORMATION

 Packing information T/R - 12K per 13" plastic Reel T/R - 5K per 7" plastic Reel



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