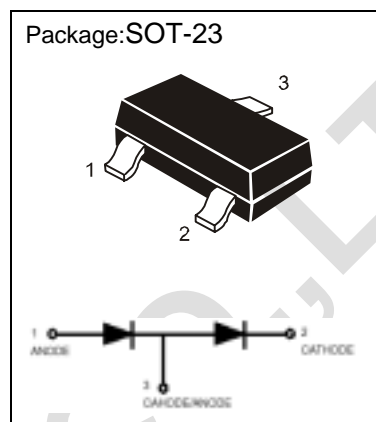


ABSOLUTE MAXIMUM RATINGS at Ta=25°C

Characteristic		Symbol	Rating	Unit
Reverse Voltage	MA153	V _R	40	Vdc
	MA153A		80	
Peak Repetitive Reverse Voltage	MA153	V _{RM}	40	V
	MA153A		80	
Junction Temperature		T _J	150	°C
Storage Temperature		T _{stg}	-55-150	°C

Package:SOT-23



ELECTRICAL CHARACTERISTICS at Ta=25°C

Characteristic		Symbol	Min	Max	Unit	Test Conditions
Reverse Current	MA153	I _R		0.1	uA	V _R =40V
	MA153A			0.1		V _R =75V
Forward Voltage		V _F		1.2	V	I _F =100mA
Reverse Voltage	MA153	V _R	40		V	I _R =100uA
	MA153A		80			
Diode Capacitance		C _T		5	PF	V _R =0 f=1.0MHz
Reverse Recovery Time	T _{rr} (2,3)			150	nS	I _F =10mA to I _{RR} =1.0mA V _R =6.0V R _L =100 Ω
	T _{rr} (1,3)			9		I _F =10mA to I _{RR} =1.0mA V _R =6.0V R _L =100 Ω

DEVICE MARKING:

MA153=MC

MA153A=MP