

MSASC150H50A

Electrical Parameters

DESCRIPTION	SYMBOL	CONDITIONS	MIN	TYP.	MAX	UNIT
Reverse (Leakage)	IR ₂₅	VR= 45 Vdc, Tc= 25°C		1	10	mA
	IR ₁₀₀	VR= 45 Vdc, Tc= 100°C		125	400	
Current	IR ₁₂₅	VR= 45 Vdc, Tc= 125°C		500		mA
Forward Voltage pulse test, pw= 300 μs d/c≤ 2%	VF1	IF= 20A, Tc= 25°C		400	450	mV
	VF2	IF= 50A, Tc= 25°C		500	565	mV
	VF3	IF= 100A, Tc= 25°C		650	730	mV
	VF4	IF= 150A, Tc= 25°C		770	900	mV
	VF5	IF= 50A, Tc= -55°C		580	670	mV
	VF6	IF= 50A, Tc= 125°C		420	500	mV
	VF7	IF= 100A, Tc= 125°C		590	-	mV
	VF8	IF= 10 mA, Tc= 25°C		135		mV
	VF9	IF= 50 mA, Tc= 25°C		175		mV
	VF10	IF= 100 mA, Tc= 25°C		195		mV
Junction Capacitance	Cj1	VR= 10 Vdc		4500	4900	pF
	Cj2	VR= 5 Vdc		6400		pF
Breakdown Voltage	BVR	IR= 5 mA, Tc= 25°C	45	55		V
		IR= 5 mA, Tc= -55°C	45	50		V