



Maximum Ratings and Thermal Characteristics (T_A = 25 °C unless otherwise noted)

PARAMETER	SYMBOL LIMIT		UNITS	
Peak Pulse Power Dissipation(tp = 10 / 1000 us) ^(Note 1,2)	P _{PP}	400	W	
Peak Pulse Current on tp = 10 / 1000 us waveform ^(Fig.2) (Note 1)	Іррм	See next table	A	
ESD IEC61000-4-2(Air)	M	±30	kV	
ESD IEC61000-4-2(Contact)	VESD	±30		
Typical Thermal Resistance Junction to Ambient ^(Note 3)	Reja	150	°C/W	
Operating Junction Temperature Range	TJ	-55~150	°C	
Storage Temperature Range	T _{STG}	-55~150	°C	



Electrical Characteristics (T_A = 25 °C unless otherwise noted)

Part Number	V _{RWM}	V _{BR}			Ir @Vrwm	V _C @I _{PP}		Marking Code
		Min.	Max.	Гт				5
	V	V	V	mA	uA	V	А	
400W Transient Voltage Suppressor								
P4SMA300CAS	256	285	315	1	5	414	1.8	300CAS
P4SMA350CAS	300	332	368	1	5	482	0.9	350CAS
P4SMA400CAS	342	380	420	1	5	548	0.8	400CAS
P4SMA440CAS	376	418	462	1	5	602	0.7	440CAS
P4SMA480CAS	408	456	504	1	5	658	0.6	480CAS
P4SMA510CAS	434	485	535	1	5	698	0.6	510CAS
P4SMA530CAS	451	503	556.5	1	5	725	0.6	530CAS
P4SMA540CAS	460	513	567	1	5	740	0.5	540CAS
P4SMA550CAS	468	522	577.5	1	5	760	0.5	550CAS

Note :

1. Non-repetitive current pulse, per Fig.3 and derated above TA=25°C per Fig.2

2. Mounted on 100cm² copper pads to each terminal

3. Mounted on a FR4 PCB, single-sided copper, standard footprint







Part No. Packing Code Version

Part No. Packing Code	Package Type	Packing Type	Marking	Version
P4SMAxxxCAS_R1_00001	SMA	1.8K pcs / 7" reel	See Table	Halogen free

Packaging Information & Mounting Pad Layout





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