

600W Transient Voltage Suppressors - Surface Mount P6SMBJ Series

SPECIFICATION

Part Number		Package	Reverse Stand-off Voltage	Breakdown Voltage		Test Current	Reverse Leakage Current		Max. Clamp Voltage	Peak Pulse Current	Circuit Code
			V_{RWM}	$V_{BR} @ I_T$		I_T	$I_R @ V_{RWM}$		$V_C @ I_{PP}$	I_{PP}	
UNI	BI			V	V		V	mA			
P6SMBJ6.8A	P6SMBJ6.8CA	SMB/DO-214AA	5.8	6.45	7.14	10.0	1000.0	1600.0	10.5	58.10	S01/D01
P6SMBJ7.5A	P6SMBJ7.5CA	SMB/DO-214AA	6.4	7.13	7.88	10.0	500.0	800.0	11.3	54.00	S01/D01
P6SMBJ8.2A	P6SMBJ8.2CA	SMB/DO-214AA	7.0	7.79	8.61	10.0	200.0	500.0	12.1	50.40	S01/D01
P6SMBJ9.1A	P6SMBJ9.1CA	SMB/DO-214AA	7.8	8.65	9.56	1.0	50.0	200.0	13.4	45.50	S01/D01
P6SMBJ10A	P6SMBJ10CA	SMB/DO-214AA	8.6	9.50	10.50	1.0	10.0	50.0	14.5	42.10	S01/D01
P6SMBJ11A	P6SMBJ11CA	SMB/DO-214AA	9.4	10.45	11.55	1.0	5.0	10.0	15.6	39.10	S01/D01
P6SMBJ12A	P6SMBJ12CA	SMB/DO-214AA	10.2	11.40	12.60	1.0	5.0	5.0	16.7	36.50	S01/D01
P6SMBJ13A	P6SMBJ13CA	SMB/DO-214AA	11.1	12.35	13.65	1.0	1.0	5.0	18.2	33.50	S01/D01
P6SMBJ15A	P6SMBJ15CA	SMB/DO-214AA	12.8	14.25	15.75	1.0	1.0	1.0	21.2	28.80	S01/D01
P6SMBJ16A	P6SMBJ16CA	SMB/DO-214AA	13.6	15.20	16.80	1.0	1.0	1.0	22.5	27.10	S01/D01
P6SMBJ18A	P6SMBJ18CA	SMB/DO-214AA	15.3	17.10	18.90	1.0	1.0	1.0	25.5	24.20	S01/D01
P6SMBJ20A	P6SMBJ20CA	SMB/DO-214AA	17.1	19.00	21.00	1.0	1.0	1.0	27.7	22.00	S01/D01
P6SMBJ22A	P6SMBJ22CA	SMB/DO-214AA	18.8	20.90	23.10	1.0	1.0	1.0	30.6	19.90	S01/D01
P6SMBJ24A	P6SMBJ24CA	SMB/DO-214AA	20.5	22.80	25.20	1.0	1.0	1.0	33.2	18.40	S01/D01
P6SMBJ27A	P6SMBJ27CA	SMB/DO-214AA	23.1	25.65	28.35	1.0	1.0	1.0	37.5	16.30	S01/D01
P6SMBJ30A	P6SMBJ30CA	SMB/DO-214AA	25.6	28.50	31.50	1.0	1.0	1.0	41.4	14.70	S01/D01
P6SMBJ33A	P6SMBJ33CA	SMB/DO-214AA	28.2	31.35	34.65	1.0	1.0	1.0	45.7	13.30	S01/D01
P6SMBJ36A	P6SMBJ36CA	SMB/DO-214AA	30.8	34.20	37.80	1.0	1.0	1.0	49.9	12.20	S01/D01
P6SMBJ39A	P6SMBJ39CA	SMB/DO-214AA	33.3	37.05	40.95	1.0	1.0	1.0	53.9	11.30	S01/D01
P6SMBJ43A	P6SMBJ43CA	SMB/DO-214AA	36.8	40.85	45.15	1.0	1.0	1.0	59.3	10.30	S01/D01
P6SMBJ47A	P6SMBJ47CA	SMB/DO-214AA	40.2	44.65	49.35	1.0	1.0	1.0	64.8	9.40	S01/D01
P6SMBJ51A	P6SMBJ51CA	SMB/DO-214AA	43.6	48.45	53.55	1.0	1.0	1.0	70.1	8.70	S01/D01
P6SMBJ56A	P6SMBJ56CA	SMB/DO-214AA	47.8	53.20	58.80	1.0	1.0	1.0	77.0	7.90	S01/D01
P6SMBJ62A	P6SMBJ62CA	SMB/DO-214AA	53.0	58.90	65.10	1.0	1.0	1.0	85.0	7.20	S01/D01
P6SMBJ68A	P6SMBJ68CA	SMB/DO-214AA	58.1	64.60	71.40	1.0	1.0	1.0	92.0	6.60	S01/D01
P6SMBJ75A	P6SMBJ75CA	SMB/DO-214AA	64.1	71.25	78.75	1.0	1.0	1.0	103.0	5.90	S01/D01
P6SMBJ82A	P6SMBJ82CA	SMB/DO-214AA	70.1	77.90	86.10	1.0	1.0	1.0	113.0	5.40	S01/D01
P6SMBJ91A	P6SMBJ91CA	SMB/DO-214AA	77.8	86.45	95.55	1.0	1.0	1.0	125.0	4.90	S01/D01
P6SMBJ100A	P6SMBJ100CA	SMB/DO-214AA	85.5	95.00	105.00	1.0	1.0	1.0	137.0	4.50	S01/D01
P6SMBJ110A	P6SMBJ110CA	SMB/DO-214AA	94.0	104.50	115.50	1.0	1.0	1.0	152.0	4.00	S01/D01
P6SMBJ120A	P6SMBJ120CA	SMB/DO-214AA	102.0	114.00	126.00	1.0	1.0	1.0	165.0	3.70	S01/D01
P6SMBJ130A	P6SMBJ130CA	SMB/DO-214AA	111.0	123.50	136.50	1.0	1.0	1.0	179.0	3.40	S01/D01

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				$V_{BR} @ I_T$			$I_R @ V_{RWM}$				
UNI	BI		V_{RWM}	Min	Max	I_T	UNI	BI	$V_C @ I_{PP}$	I_{PP}	
			V	V	V		μA	μA			
P6SMBJ150A	P6SMBJ150CA	SMB/DO-214AA	128.0	142.50	157.50	1.0	1.0	1.0	207.0	2.90	S01/D01
P6SMBJ160A	P6SMBJ160CA	SMB/DO-214AA	136.0	152.00	168.00	1.0	1.0	1.0	219.0	2.80	S01/D01
P6SMBJ170A	P6SMBJ170CA	SMB/DO-214AA	145.0	161.50	178.50	1.0	1.0	1.0	234.0	2.60	S01/D01
P6SMBJ180A	P6SMBJ180CA	SMB/DO-214AA	154.0	171.00	189.00	1.0	1.0	1.0	246.0	2.50	S01/D01
P6SMBJ200A	P6SMBJ200CA	SMB/DO-214AA	171.0	190.00	210.00	1.0	1.0	1.0	274.0	2.20	S01/D01
P6SMBJ220A	P6SMBJ220CA	SMB/DO-214AA	185.0	209.00	231.00	1.0	1.0	1.0	328.0	1.90	S01/D01
P6SMBJ250A	P6SMBJ250CA	SMB/DO-214AA	214.0	237.50	262.50	1.0	1.0	1.0	344.0	1.80	S01/D01
P6SMBJ300A	P6SMBJ300CA	SMB/DO-214AA	256.0	285.00	315.00	1.0	1.0	1.0	414.0	1.50	S01/D01
P6SMBJ350A	P6SMBJ350CA	SMB/DO-214AA	300.0	332.50	367.50	1.0	1.0	1.0	482.0	1.30	S01/D01
P6SMBJ400A	P6SMBJ400CA	SMB/DO-214AA	342.0	380.00	420.00	1.0	1.0	1.0	548.0	1.10	S01/D01
P6SMBJ440A	P6SMBJ440CA	SMB/DO-214AA	376.0	418.00	462.00	1.0	1.0	1.0	602.0	1.00	S01/D01
P6SMBJ480A	P6SMBJ480CA	SMB/DO-214AA	408.0	456.00	504.00	1.0	1.0	1.0	658.0	0.95	S01/D01
P6SMBJ510A	P6SMBJ510CA	SMB/DO-214AA	434.0	484.50	535.50	1.0	1.0	1.0	698.0	0.90	S01/D01
P6SMBJ530A	P6SMBJ530CA	SMB/DO-214AA	477.0	503.50	556.50	1.0	1.0	1.0	725.0	0.86	S01/D01
P6SMBJ540A	P6SMBJ540CA	SMB/DO-214AA	486.0	513.00	567.00	1.0	1.0	1.0	740.0	0.83	S01/D01
P6SMBJ550A	P6SMBJ550CA	SMB/DO-214AA	495.0	522.50	577.50	1.0	1.0	1.0	760.0	0.80	S01/D01