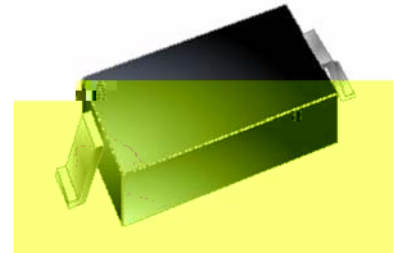




TVS Diode Array

Rev.1.0

350 watts peak pulse power per line ($t_P=8/20\mu s$)
Protects one bi-directional I/O line
Low clamping voltage
Working voltage:3.3V
Low leakage current
RoHS compliant
AEC-Q101 qualified



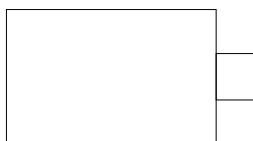
— pound mabilit UL 3, M Å

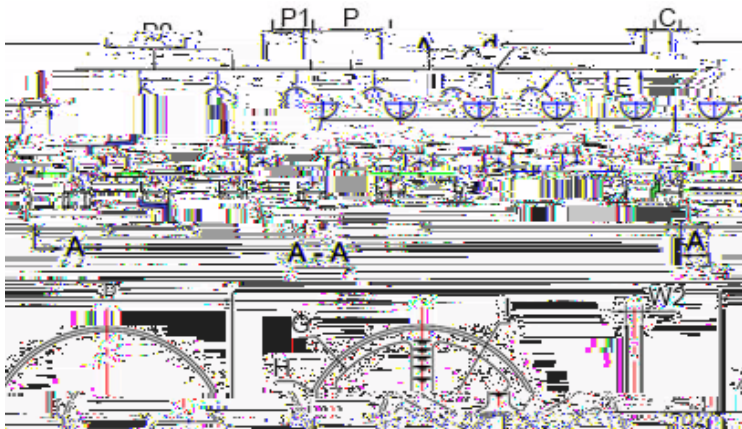
(T_A=25 , RH=45%-75%, unless otherwise noted)

Parameter	Symbol	Value	Unit
Peak pulse power dissipation at 8/20μs waveform	P _{PP}	350	W
ESD per IEC 61000-4-2 (Air) ESD per IEC 61000-4-2 (Contact)	V _{ESD}	+/- 30 +/- 30	kV
Lead soldering temperature	T _L	260 (10 sec.)	
Operating junction temperature range	T _J	-55 to +150	
Storage temperature range	T _{STG}	-55 to +150	

(T_A=25)

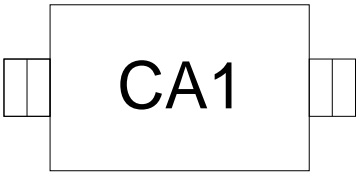
Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Reverse working voltage	V _{RWM}				3.3	V
Reverse breakdown voltage	V _{BR}	I _T =1mA	3.6			V
Reverse leakage current	I _R	V _{RWM} =3.3V			0.1	μA
Clamping voltage	V _C	I _{PP} =1A, t _P =8/20μs			6.5	V
		I _{PP} =10A, t _P =8/20μs			12	V
		I _{PP} =20A, t _P =8/20μs			17.5	V
Junction capacitance	C _J	V _{RWM} =0V, f=1MHz		1.0	1.5	pF





Sym

reel pack

Part Number	Marking Code
JEB03CX-AU	

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