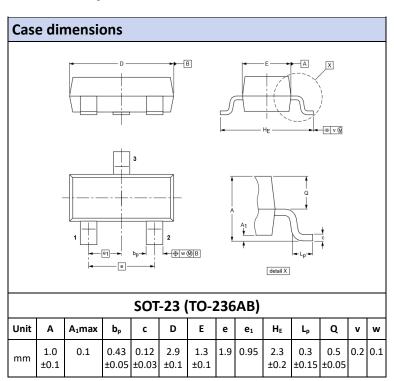


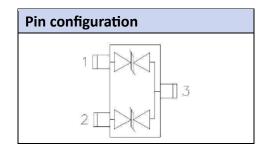
## **SMD Two Line Bi-directional TVS Diode Array**

Primary characteristics					
Parameter	Symbol	Value	Unit		
Peak repetitive reverse voltage	V <sub>RWM</sub>	15	>		
Continuous Forward Current	Ірр	8.0	Α		
Power Dissipation	P <sub>pp</sub>	300	W		

## **Features**

- **SOT-23** case for easy automatic insertion.
- Pb-free and RoHS compliant
- Protects one bi-directional or two uni-directional line(s)
- Ultra low leakage: nA level
- Ultra low clamping voltage
- Complies with following standards:
  - IEC 61000-4-2 (ESD) immunity test Air discharge: ±30kV Contact discharge: ±30kV
  - IEC 61000-4-4 (EFT) 40A (5/50ns)



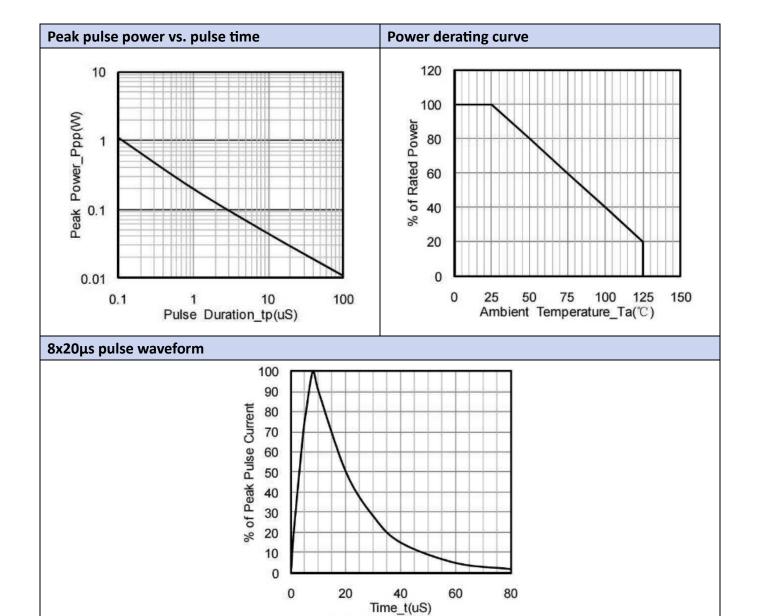


Maximum ratings and electrical characteristics (T <sub>a</sub> = 25°C)						
Characteristics	istics Test condition Symbo	Symbol	Value			Unit
Cital acteristics		Syllibol	Min.	Тур.	Max.	Oilit
Working reverse voltage	-	$V_{RWM}$	-	-	15	V
Breakdown voltage	I <sub>T</sub> =1.0mA	V <sub>BR</sub>	16.7	-	-	V
Reverse leakage current	V <sub>RWM</sub> =15V	I <sub>R</sub>	-	-	1.0	μΑ
Clamping voltage	I <sub>PP</sub> =1.0A (8x20μs pulse)		-	24	-	V
Clamping voltage	I <sub>PP</sub> =8.0A (8x20μs pulse)	Vc	-	-	38.5	V
Junction capacitance	V <sub>R</sub> =V, f=1.0MHz	Cı	-	55	-	pF

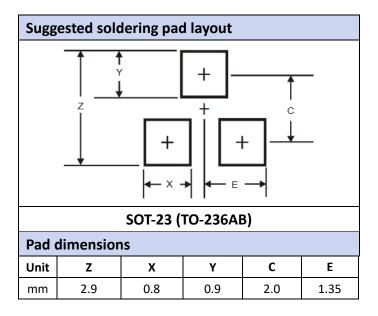
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Maximum ratings and electrical characteristics (T <sub>a</sub> = 25°C)					
Characteristics	Symbol	Value	Unit		
Peak pulse power (8/20μs)	P <sub>pp</sub>	300	W		
Peak pulse current (8/20μs)	I <sub>pp</sub>	8.0	А		
ESD per IEC 61000-4-2 (Air) ESD per IEC 61000-4-2 (Contact)	V <sub>ESD</sub>	±30	kV		
Operating temperature range	Tı	-55 ~ 125			
Storage temperature range	T <sub>STG</sub>	-55 ~ 150	°C		







Ordering information			
Part Number	Package	Shipping Quantity	Dimensions
SLESD15VL2BT	SOT-23	3000 pcs / reel	

## Disclaimer

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