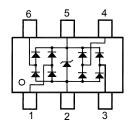
4-Channel Low Capacitance TVS Array





^{1.} I/O1 2. GND 3. I/O2 4. I/O3 5. VCC 6. I/O4 SOT-26 Plastic Package

Absolute Maximum Ratings (at $T_a = 25^{\circ}C$ unless otherwise specified)

Parameter		Symbol	Value	Unit
Peak Power Dissipation (tp = 8/20 µs)		P _{PK}	150	W
Peak Pulse Current (tp = 8/20 µs)		I _{PP}	10	А
ESD (IEC61000-4-2)	Air Contact	V _{ESD}	± 30 ± 20	KV
Operating Temperature Range		T _{opr}	- 40 to + 85	°C
Junction Temperature		Tj	125	°C
Storage Temperature Range		T _{stg}	- 65 to + 150	°C

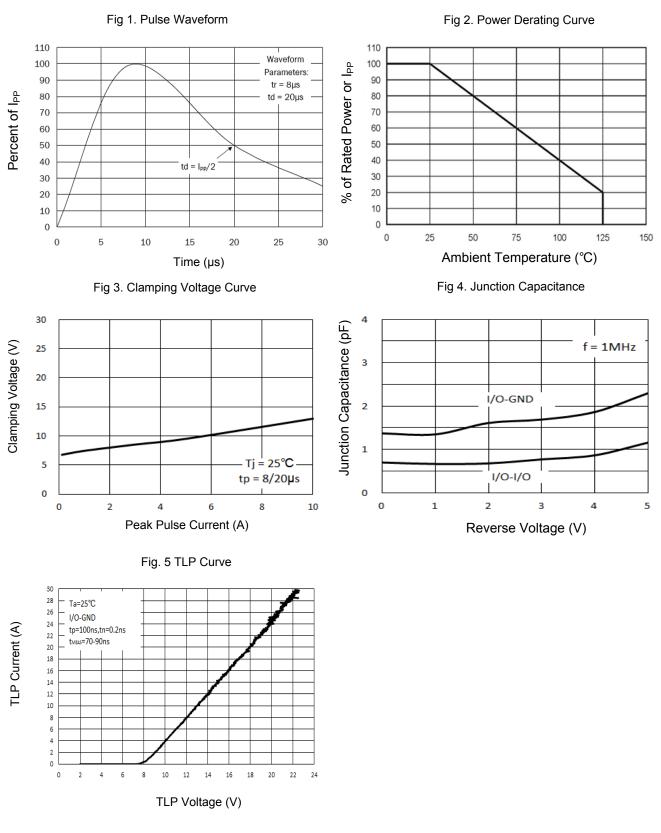
Characteristics at T_a = 25°C

Parameter	Symbol	Min.	Тур.	Max.	Unit
Reverse Stand-off Voltage	V _{RWM}	-	-	6	V
Reverse Breakdown Voltage at I _R = 1 mA	V _{(BR)R}	6.5	8	-	V
Leakaeg Current at $V_R = 5 V$	I _R	-	0.1	0.5	μA
Clamping Voltage at $I_{PP} = 1 \text{ A}$, tp = 8/20 μ s , I/O Pins to GND at $I_{PP} = 5 \text{ A}$, tp = 8/20 μ s , I/O Pins to GND at $I_{PP} = 8 \text{ A}$, tp = 8/20 μ s , I/O Pins to GND	Vc	- - -	8.8 11.5 13.2	10 13 15	V
Clamping Voltage at $I_{TLP} = 4$ A, tp = 0.2/100 ns, I/O Pins to GND at $I_{TLP} = 16$ A, tp = 0.2/100 ns, I/O Pins to GND	V _{CL}	-	10.1 15.9	-	V
Junction Capacitance at $V_R = 0 V$, f = 1 MHz , Between I/O Pins to GND at $V_R = 1.65 V$, f = 1 MHz , Between I/O Pins to GND at $V_R = 0 V$, f = 1 MHz , Between I/O Pins	Cj	- - -	2.4 2 1.2	3 - -	pF
Dynamic Resistance 1)	R _{dyn}	-	0.5	-	Ω

 $^{1)}$ Dynamic Resistance calculated from $I_{_{TLP}}$ = 4A to $I_{_{TLP}}$ = 16 A .



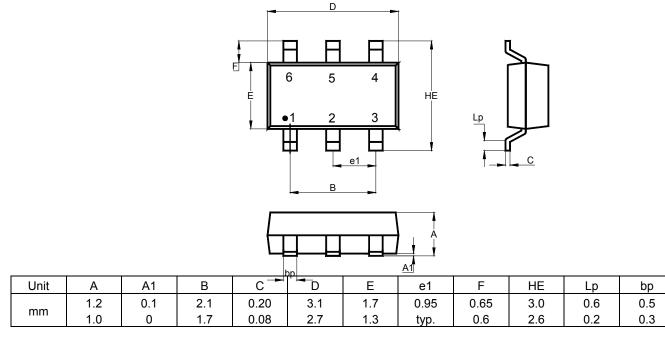
Electrical Characteristic Curves



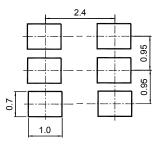


Package Outline (Dimensions in mm)

SOT-26



Recommended Soldering Footprint



Packing information

Package Tape Width (mm)	Pitch		Reel Size		Per Peel Peeking Quantity	
	(mm)	mm	inch	mm	inch	Per Reel Packing Quantity
SOT-26	8	4 ± 0.1	0.157 ± 0.004	178	7	3,000

Marking information

" 6 " – Dort No	-		
" L6 " = Part No.		\prec	
"YM" = Date Code Marking		ΥM	
"Y" = Year			L6
"M" = Month	_	•	
Font type: Arial	Pin1 point		

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