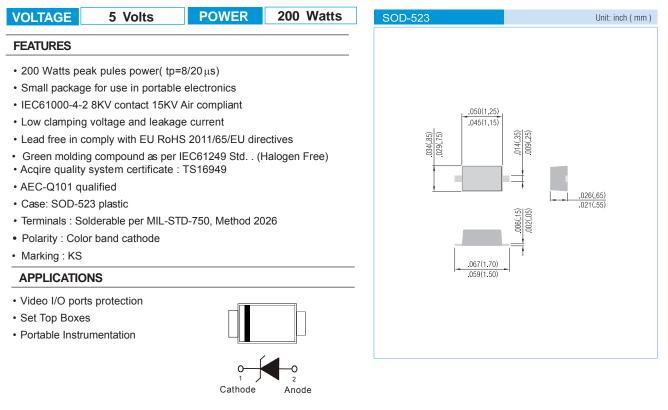
SINGLE LINE TVS DIODE FOR ESD PROTECTION PORTABLE ELECTRONICS



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

ABSOLUTE MAXIMUM RATING

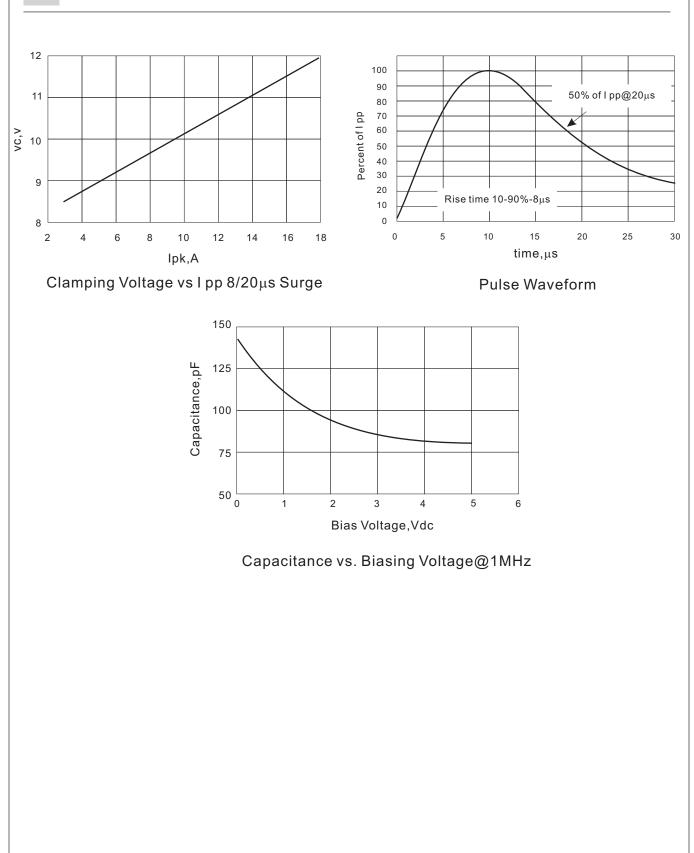
Rating	Symbol	Value	Units
Peak Pulse Power (tp=8/20 μs)	P _{PP}	200	W
Maximum Peak Pulse Current	l _{PPM}	18	А
ESD Voltage per HBM MIL-STD-883	V _{ESD}	25	ΚV
Operating Junction and Storage Temperature Range	T _{J,} T _{STG}	-50 to +150	°C

ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Conditions	Min.	Typical	Max.	Units
Reverse Stand-Off Voltage	V _{RWM}	-	-	-	5	V
Reverse Breakdown Voltage	V _{BR}	I _{BR} =1mA	6.0	-	-	V
Reverse Leakage Current	I _R	V _R =5V	-	-	1	μA
Clamping Voltage(8/20µs)	V _c	I _{PP} =5A	-	-	11	V
Clamping Voltage(8/20µs)	V _c	I _{PP} =15A	-	-	14	V
Off State Junction Capacitance	C」	0Vdc Bias=f=1MHz	-	-	160	pF
Off State Junction Capacitance	C」	5Vdc Bias=f=1MHz	-	-	80	pF

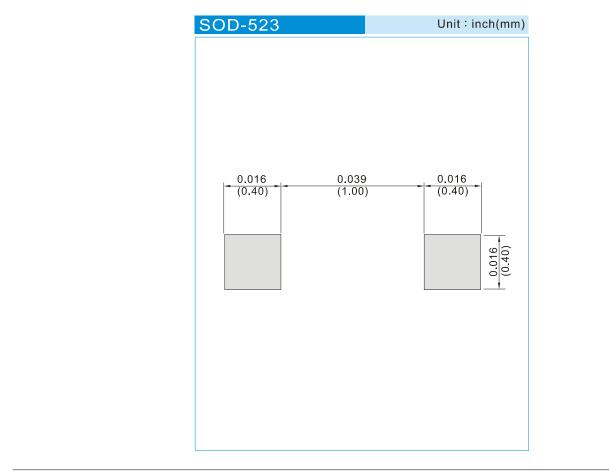
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MOUNTING PAD LAYOUT



ORDER INFORMATION

- Packing information
 - T/R 12K per 13" plastic Reel
 - T/R 5K per 7" plastic Reel



Part No_packing code_Version

PJSD05TS-02-AU_R1_000A1 PJSD05TS-02-AU_R2_000A1

For example :

RB500V-40_R2_00001



Serial number
Version code means HF
Packing size code means 13"
Packing type means T/R

Packing Code XX			Version Code XXXXX			
Packing type	1 st Code	Packing size code	2 nd Code	HF or RoHS	1 st Code	2 nd ~5 th Code
Tape and Ammunition Box (T/B)	Α	N/A	0	HF	0	serial number
Tape and Reel (T/R)	R	7"	1	RoHS	1	serial number
Bulk Packing (B/P)	В	13"	2			
Tube Packing (T/P)	т	26mm	X			
Tape and Reel (Right Oriented) (TRR)	S	52mm	Y			
Tape and Reel (Left Oriented) (TRL)	L	PANASERT T/B CATHODE UP (PBCU)	U			
FORMING	F	PANASERT T/B CATHODE DOWN (PBCD)	D			



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