

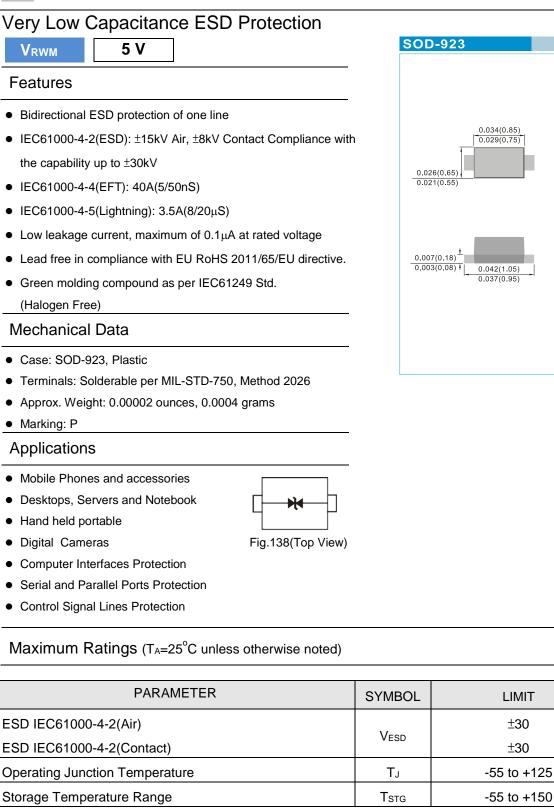
Unit : inch(mm)

0 010(0 25) 0 005(0 15)

0.018(0.45)

0.013(0.35)

PJEC5V0V6TM



UNITS

kV

°C

°C



Electrical Characteristics (T_A=25°C unless otherwise noted)

PARAMETER	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNITS
Reverse Stand-Off Voltage	V _{RWM}	-	-	-	5	V
Snap-Break Voltage	V _{SB}	Isb=50mA	5	-	8	V
Reverse leakage current	IR	V _R =5.0V	-	-	0.1	μA
Clamping Voltage	VcL	I _{PP} =1A, t _P =8/20μs	-	-	9	v
		I _{PP} =3.5A, t _P =8/20μs	-	-	12.5	
Clamping Voltage TLP ^(Note 1)	V _{CL}	I _{PP} =4A, t _P =100ns	-	8.6	-	V
		IPP=8A, tP=100ns	-	9.7	-	
Dynamic Resistance	Rdyn	t⊳=100ns	-	0.27	-	Ω
Off State Junction Capacitance	CJ	0Vdc Bias f=1MHz	-	-	6	рF

NOTES :

1. Testing using Transmission Line Pulse (TLP) conditions: Z_0 = 50 Ω , t_P = 100 ns.



-2

0 2 4 6

TLP Voltage(V)

-4

10

15

time, µs

Fig.4 8/20µs Pulse Waveform

10 12 14 16 18 20

30

8

50% of I pp@20µs

25

*

20

PJEC5V0V6TM

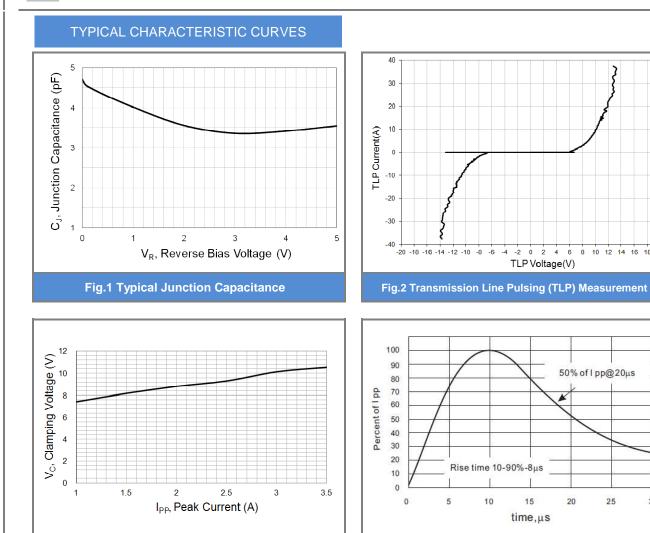
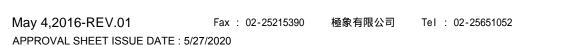
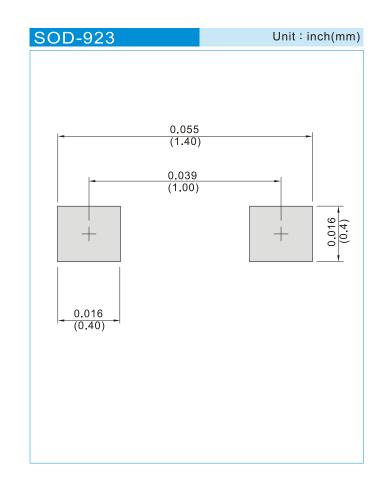


Fig.3 Typical Peak Clamping Voltage(8/20µs)





MOUNTING PAD LAYOUT



ORDER INFORMATION

- Packing information
 - T/R 8K per 7" plastic Reel

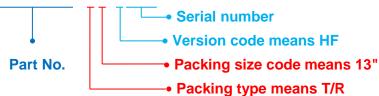


Part No_packing code_Version

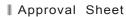
PJEC5V0V6TM_R1_00001

For example :

RB500V-40_R2_00001



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)	A	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			
			1			





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