

H02X25V0BL

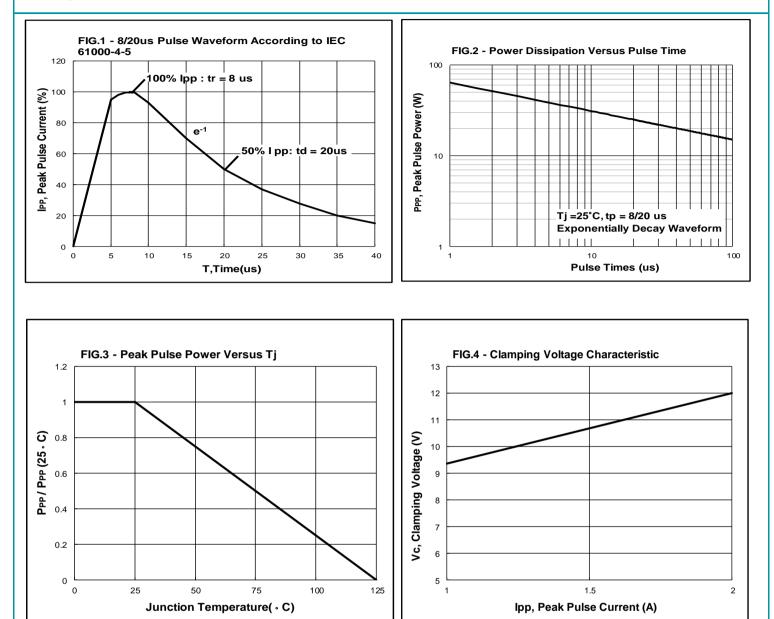
Bi-directional ESD Protection Diode	Bi-directional ESD Protection Diode Peak Pulse Power - 25 Watts Reverse Working Voltage - 5V						
Description	Mechan	ical Data					
This H02X25V0BL has been specifically designed to protect	• Case: DF	N1006 Package					
sensitive components which are connected to data and transmiss ines from overvoltage caused by ESD (electrostatic discharge).		• Case Material: "Green" Molding Compound UL Flammability Classification Rating 94V-0					
		 Component in accordance to RoHS 					
Features	● Halogen	Halogen Free					
 1 Channel of ESD Protection (Bi-directional) 							
Peak Pulse Power :Ppp = 25W (tp=8/20 us)	Note: Produ	Note: Products with logo HV or h					
Reverse Working Voltage : 5V	are made b	are made by HY Electronic (Cayman) Limited.					
Low Leakage Current	Ordering	Ordering Information					
 Low Clamping Voltage 	 Package 	:DFN1006					
 IEC 61000-4-2 (ESD) :±10kV(Contact) / ±20kV(Air) 	Reel Size	e :7 (inches)					
	 Quantity 	Per Reel :10,000/Tap	e & Reel				
Applications		One Box :100,000/Ta					
 Communication system 	-	One Carton :400,000	•				
 Computers and peripherals 		Information					
Portable instrumentation	3	,		7			
 Audio & video equipment 			5CU				
 Notebooks, Desktops, Servers 		_					
				-	do		
		"5CU"-Produc	T I VNA IVI:	arkina L.o			
Package Outline	Device	"5CU"=Produc					
Package Outline DFN1006 Top View Maximum Ratings (@TA = +25°C, unless otherwise specific termine specific termine)							
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Rev-0, 7-May-2021



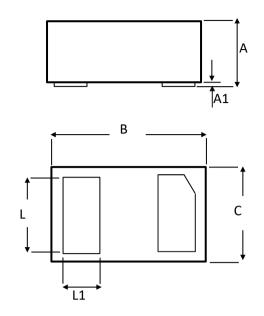
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Rating and Characteristic Curves



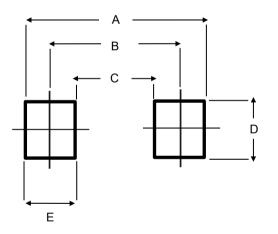


Package Outline Dimensions



DFN1006 Package				
Dim	Min	Max		
А	0.45	0.55		
A1	-	0.02		
В	0.95	1.05		
С	0.55	0.65		
L	0.45	0.55		
L1	0.2	0.3		
All Dimensions in mm				

Suggested Soldering Pad Layout



Dim.	Value	
А	1.10	
В	0.90	
С	0.30	
D	0.60	
E	0.40	
All Dimensions in mm		

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