

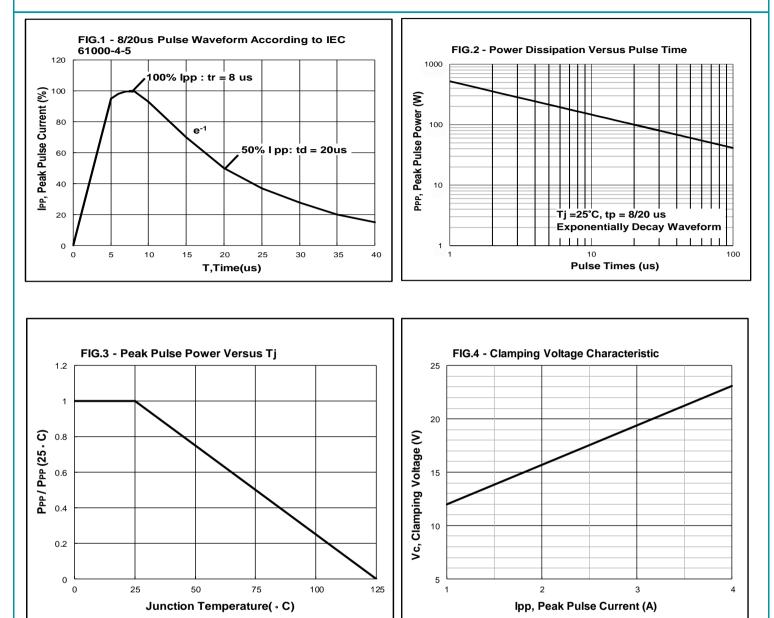
H04X25V0BU

Bi-directional ESD Protection Diode		Peak Pulse P Reverse Wor				
Description	Mechani	ical Data				
The H04X25V0BU is ultra low capacitance ESD designed to	• Case: DF	• Case: DFN1006 Package				
protect high speed data interfaces. This series has been specifical designed to protect sensitive components which are connected to		 Case Material: "Green" Molding Compound UL Flammability Classification Rating 94V-0 Component in accordance to RoHS Halogen Free 				
high-speed data and transmission lines from overvoltage caused b	N I					
ESD (electrostatic discharge).						
		Tee				
	Nata Davis				5	
Channel of ESD Protection (Bi-directional)		Note: Products with logo				
• Peak Pulse Power :Ppp = 100W (tp=8/20 us)		are made by HY Electronic (Cayman) Limited.				
• Reverse Working Voltage : 5V	-	g Information				
Low Leakage Current	 Package : 					
 Ultra low Capacitance : 0.25pF (Typ) 	 Reel Size 	. ,				
IEC 61000-4-2 (ESD) :±20kV(Contact) / ±25kV(Air)	-	Per Reel :10,000/Tap				
	-	One Box :100,000/Ta	•			
Applications	 Quantity (One Carton :400,000)/Tape & F	Reel		
 Digital Visual Interface (DVI) 	Marking	Information				
 Cellular Handsets & Accessories 						
Display / USB / MDDI Ports		5	BU			
RF Circuits						
		"5BU"=Product Type Marking Code				
PCI Express Package Outline	Device S	Schematic & Pl				
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Package Outline DFN1006 Top View Maximum Ratings (@TA = +25°C, unless otherwise spectables) Absolute Ratings	ified.)	Schematic & P	IN Con	figurati		
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Package Outline Image: DFN1006 Top View Maximum Ratings (@TA = +25°C, unless otherwise spect Absolute Ratings Paramter Peak Pulse Power Dissipation (8/20 us)	ified.)	Schematic & P	IN Con	figurati		-
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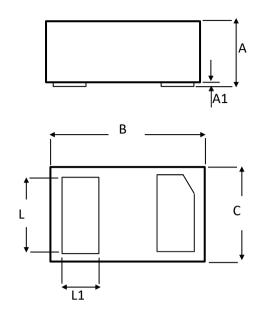
Rating and Characteristic Curves





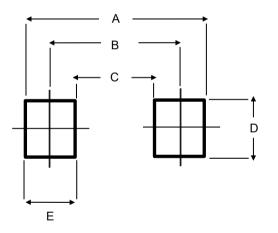
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Package Outline Dimensions



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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