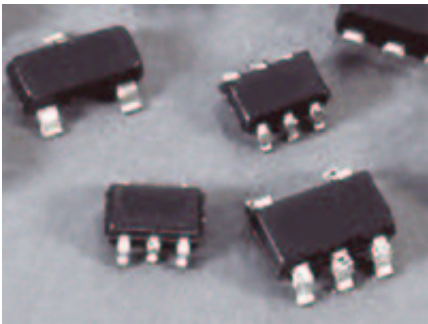




Part: SP0503BAHT
Series: Surface Mount TVS Avalanche Diode Arrays
Technology:Arrays

PARAMETERS		
Package Type	Pkg Type	SOT143
Mount Method	Mount	Surface Mount
		0
		0
		0
		0
		0
IEC 61000-4-2, Air Discharge	IEC 61000-4-2	30
IEC-61000-2, Contact discharge	IEC-61000-2	30
MIL-STD-883 Method 3015 (HBM)	MIL-STD-883	20
Package Size	Pkg Size	SOT143
Signal Clamp Voltage (Negative, Max)	Vcn (Max)	-0.4000
Signal Clamp Voltage (Negative, Min)	Vcn (Min)	-1.2000
Signal Clamp Voltage (Negative, Typ)	Vcn (Typ)	-0.8000
Signal Clamp Voltage (Positive, Max)	Vcp (Max)	8.0000
Signal Clamp Voltage (Positive, Min)	Vcp (Min)	5.6000
Signal Clamp Voltage (Positive, Typ)	Vcp (Typ)	6.8000
ESD Clamp V positive MIL-STD-883 Method 3015 (HBM)	Vcp - ESD	12.0000
ESD Clamp V negative MIL-STD-883 Method 3015 (HBM)	Vcp - ESD	-8.0000
Channels	Channels	3
Standoff Polarity	Polarity	Unipolar
Reverse Standoff Voltage (I=10uA)	V _R	5.5
Max Supply Voltage	V _{BUS} (max)	0.0000
Leakage Current	I - leakage	10.0000
Supply Current	I _S	0.0000
Resistance - Series Resistor	R ₁ (Ohms)	0.0000
Resistance - Pull-up	R ₂ (kOhms)	0.0000
Typical Input Capacitance	C _{TYP} (pF)	30
Max Input Capacitance	C _{max} (pF)	0



PROTECTS AGAINST:

Other Threats

ESD