

Isolated Surge Protector (Differential Mode)
Features 产品特点

- Markedly improving the life of L-N over-voltage protective device
- Significant reduction the clamping voltage of L-N surge protection
- Low leakage current
- Bi-directional
- RoHS compliant

Order Information 包装信息

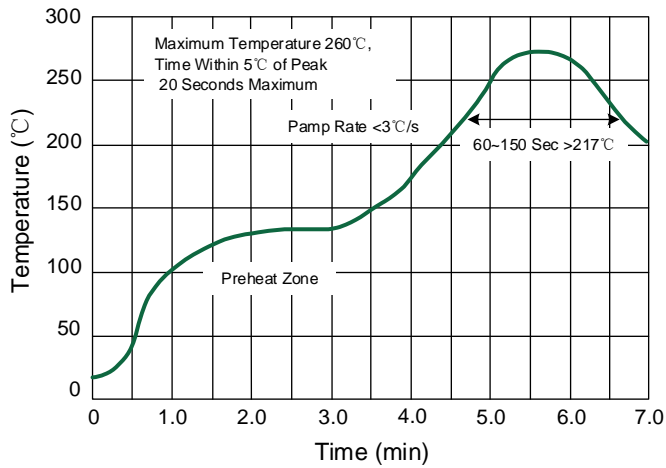
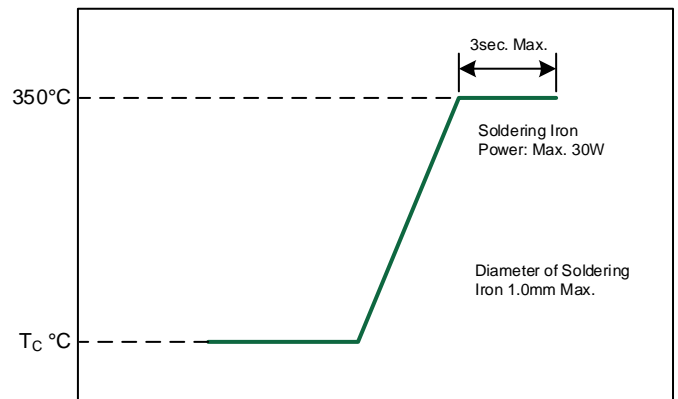
Package	Qty per Reel	Tape
SMA	2000	7" Reel
	5000	13" Reel

**Maximum Ratings and Thermal Characteristics (TA=25°C unless otherwise noted)
 最大额定值和热特性**

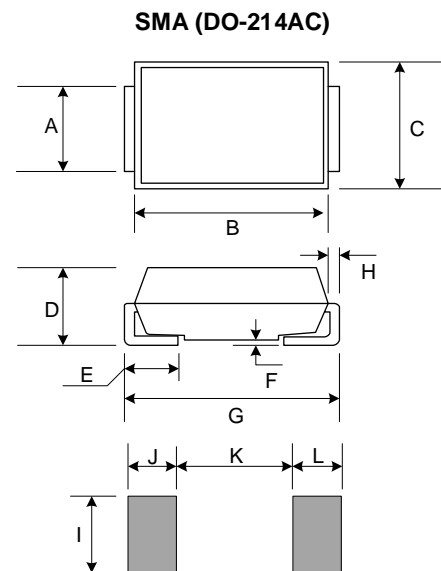
Parameter	Symbol	Value	Unit
工作温度 Operating Temperature Range	T _J	-40 to 125	°C
存储温度 Storage Temperature Range	T _{STG}	-40 to 150	°C
热阻(结至引线) Typical Thermal Resistance Junction to Lead	R _{wJL}	30	°C/W
热阻(结至引线) Typical Thermal Resistance Junction to Ambient	R _{wJA}	120	°C/W

Device Ratings and Specifications

型号 Part Number	最大关断电压 Reverse Stand off Voltage V _R (V)	击穿电压 Breakdown Voltage V _{BR} (V) @ I _T		测试电流 Test Current I _T (mA)	最大反向漏电流 Maximum Reverse Leakage I _R @ V _R (μA)	电性钳位电压 Typical Clamping Voltage V _C @ I _{PP} (V) at 8/20μs	脉冲峰值电流 Peak Pulse Current I _{PP} (A) at 8/20μs	封装 Package
		Min	Max					
BIS131P201B	110	120	160	1	5	170	200	SMA
BIS151P201B	130	140	180	1	5	190	200	SMA
BIS311P201B	270	290	350	1	5	400	200	SMA
BIS311P401B	270	290	350	1	5	400	400	SMA
BIS351P201B	310	320	400	1	5	460	200	SMA

Lead-free Re-flow Solder Profile

Iron Soldering Profile

Product Dimensions 产品尺寸

Dimensions	Inches		Millimeters	
	Min	Max	Min	Max
A	0.049	0.065	1.250	1.650
B	0.157	0.177	3.990	4.500
C	0.100	0.110	2.540	2.790
D	0.078	0.090	1.980	2.290
E	0.030	0.060	0.780	1.520
F	-	0.008	-	0.203
G	0.194	0.208	4.930	5.280
H	0.006	0.012	0.152	0.305
I	0.070	-	1.800	-
J	0.082	-	2.100	-
K	-	0.090	-	2.300
L	0.082	-	2.100	-



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Specifications are subject to change without notice.

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