

/ Revised record

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/ Descriptions

/ Features

~~1SMA4728A~1SMA4777A~~

/ Applications

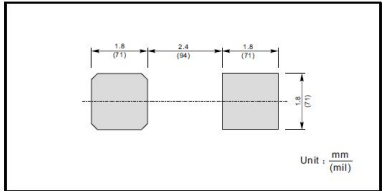
/ Equivalent Circuit

/ Pinning

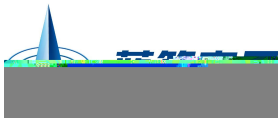


PIN	DESCRIPTION
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The recommended mounting pad size



/ Marking



/ Absolute Maximum Ratings(Ta=25)

参数	符号	数值	单位
正向平均整流电流			
反向峰值电压			
反向饱和电流			μA
正向压降			V

/ Electrical Characteristics(Ta=25)

器件型号	封装形式	正向特性 (V _F)				反向特性 (I _R)	反向漏电流 (I _{RS})		反向击穿电压 (V _{BR})
		正向压降 (V _F)			反向电压 (V _R)	反向漏电流 (I _{RS})	反向漏电流 (I _{RS})		
		正向电流 (I _F)	正向电压 (V _F)	正向功率 (P _F)					
1SMA4728A	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728B	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728C	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728D	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728E	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728F	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728G	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728H	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728I	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728J	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728K	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728L	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728M	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728N	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728P	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728Q	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728R	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728S	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728T	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728U	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728V	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728W	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728X	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728Y	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V
1SMA4728Z	DO-35	10mA	0.75V	7.5mW	10mA	5V	10μA	10μA	7.5V



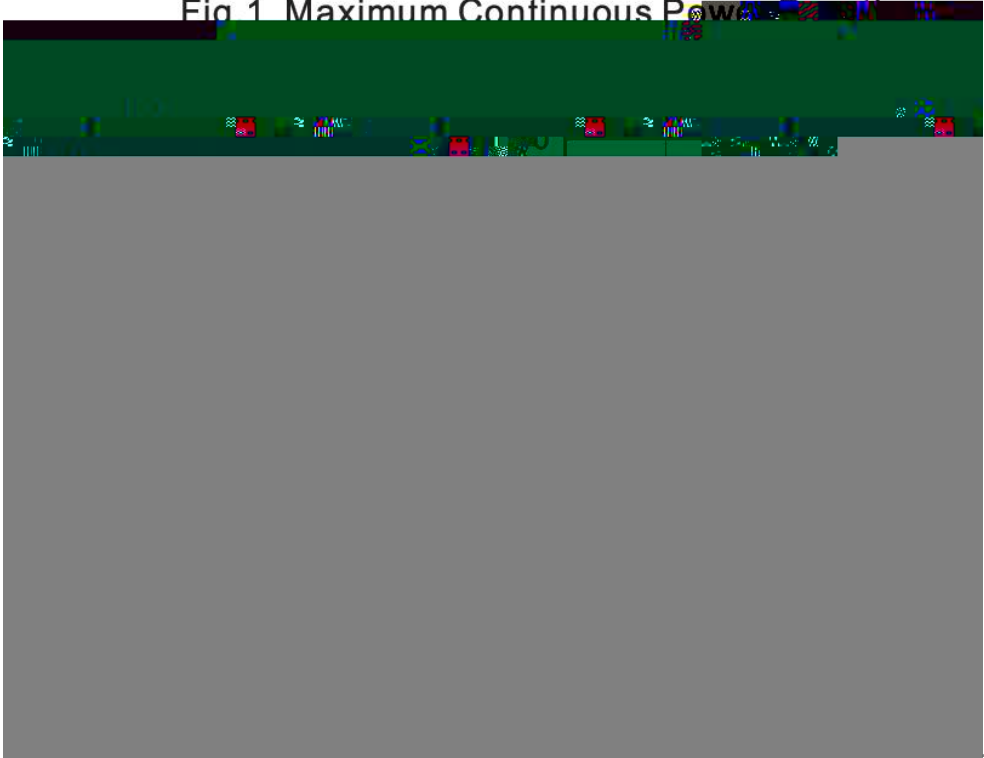
/ Electrical Characteristics(Ta=25)

Symbol	Unit	Forward Characteristics (V _F)				Reverse Characteristics (I _R)		Capacitance (C _J)	
		V _F (V)			I _F (mA)	I _R (μA)	V _R (V)	f (MHz)	C _J (pF)
		Max	Typ	Min					
1SMA4728A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4729A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4730A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4731A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4732A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4733A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4734A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4735A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4736A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4737A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4738A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4739A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4740A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4741A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4742A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4743A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4744A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4745A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4746A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4747A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4748A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4749A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4750A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4751A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4752A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4753A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4754A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4755A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4756A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4757A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4758A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4759A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4760A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4761A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4762A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4763A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4764A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4765A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4766A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4767A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4768A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4769A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4770A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4771A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4772A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4773A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4774A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4775A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4776A	mA	0.75	0.65	0.55	20	5	5	100	10
1SMA4777A	mA	0.75	0.65	0.55	20	5	5	100	10



/ Electrical Characteristic Curve

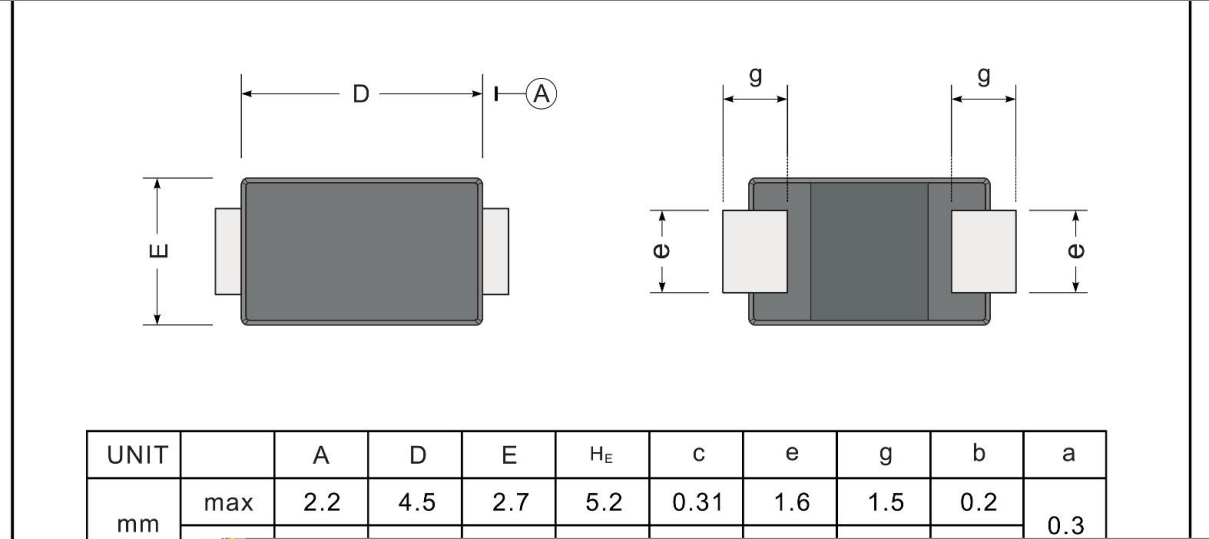
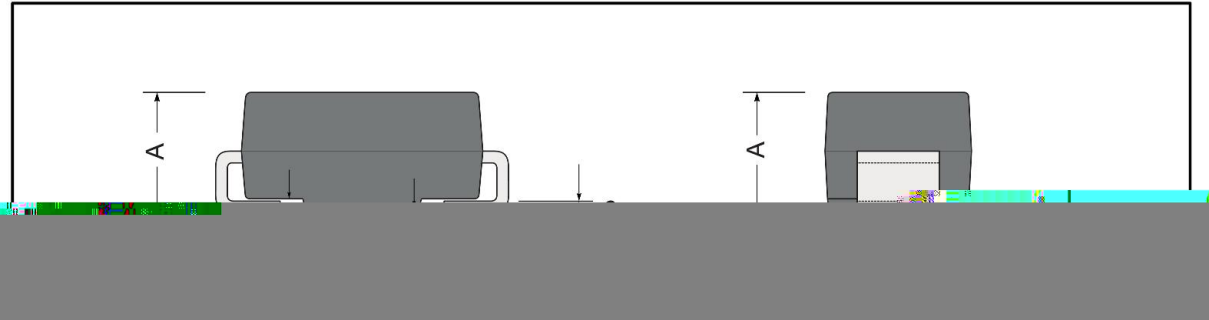
Fig 1 Maximum Continuous Power





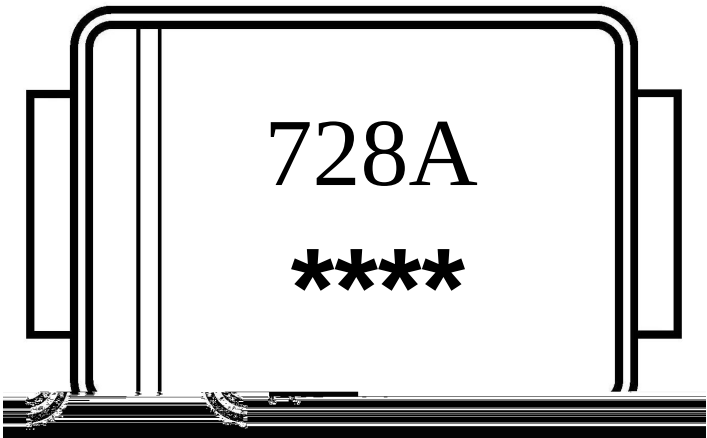
/ Package Dimensions

SMA





/ Marking Instructions



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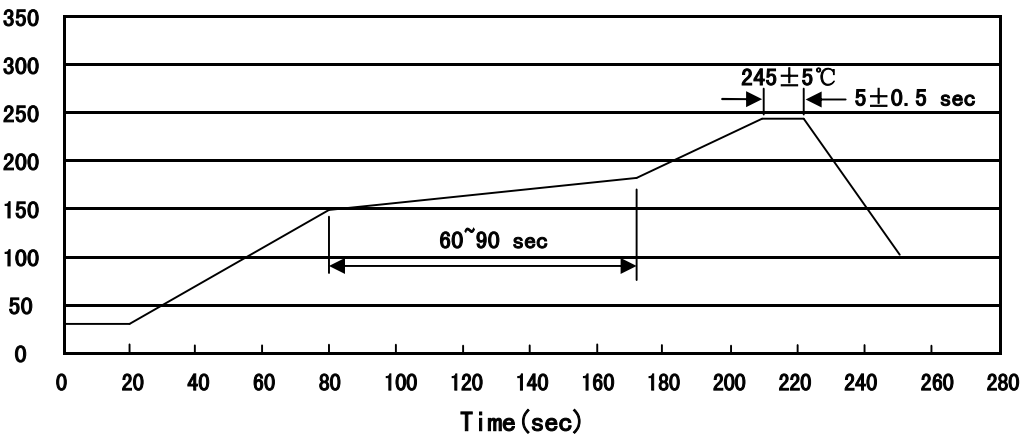
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/ Resistance to Soldering Heat Test Conditions

/ Packaging SPEC.

封装形式	包装数量					包装尺寸		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
						"		

/ Notices