

# 二极管常用封装

( 2013.9.22 Wu Edited. )

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## 一、常用二极管封装概述

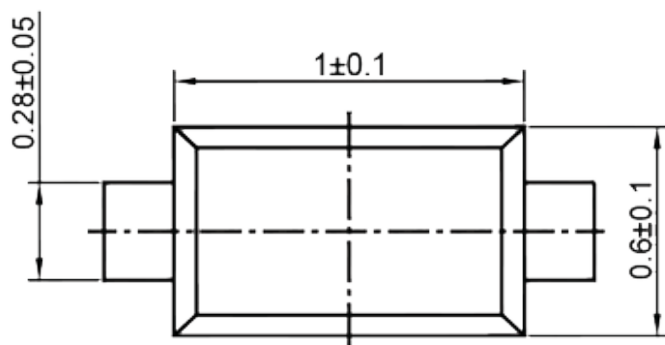
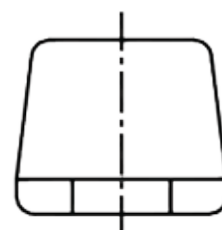
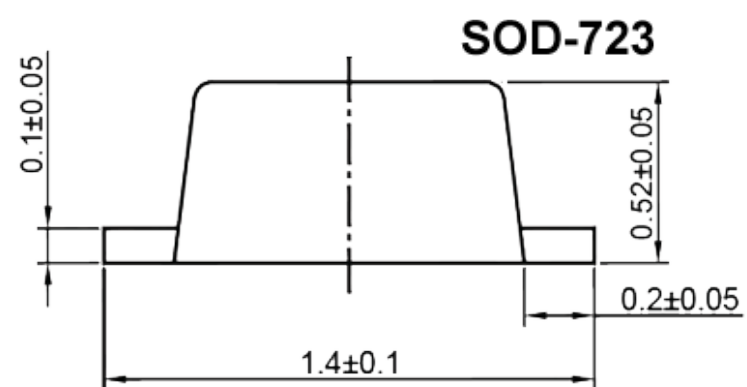
1、表面安装模压型				
英制	公制	封装系列	封装	管脚数
0402	1006	VMD2		2
	1406		SOD-723	2
0603	1608	EMD2	SOD-523	2
0603	1608	EMD3	SOT-416	3
0603	1608	EMD4		4
0805	2012	UMD2	SOD-323	2
0805	2012	UMD3	SOT-323	3
0805	2012	UMD4	SOT-343	4
0805	2012	UMD5	SOT-353	5
0805	2012	UMD6	SOT-363	6
	2913	SSD3	SOT-23	3
	2916	SMD3	SOT-346	3
	2916	SMD4	SC-61A	4
	2916	SMD5	SC-74A	5
	2916	SMD6	SOT-457	6
1206	3216	PMPU	SOD-123	2
	3516	Mini-Melf	DO-213AA (LL-34)	2
	4526	PMDS	SOD-106	2
2010	5025	SMA	DO-214AC	2
2010	5025	Melf	DO-213AB	2
	5426		DO-214	2
	5626	SMAJ		2
2114	5436	SMB	DO-214AA	2
3220	8250	SMC	DO-214AB	2
2、管脚式				
英制	公制	封装系列	封装	管脚数
	2718	MSD	DO-34	2
	3718	GSD	DO-35	2
	3025	MSR	DO-41Mini	2
	5025		A-405	2
	6333		DO-15	2
	8952		DO-27	2
	9363		DO-204AR	2
	5126		DO-41	2
	3025		R-1	2
	3939		R-3	2
	8988		R-6	2

3、直插式				
			T0-220AC	2

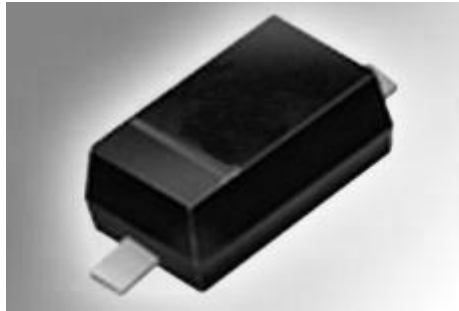
## 二、常用二极管封装尺寸

### 1、表面安装模压型

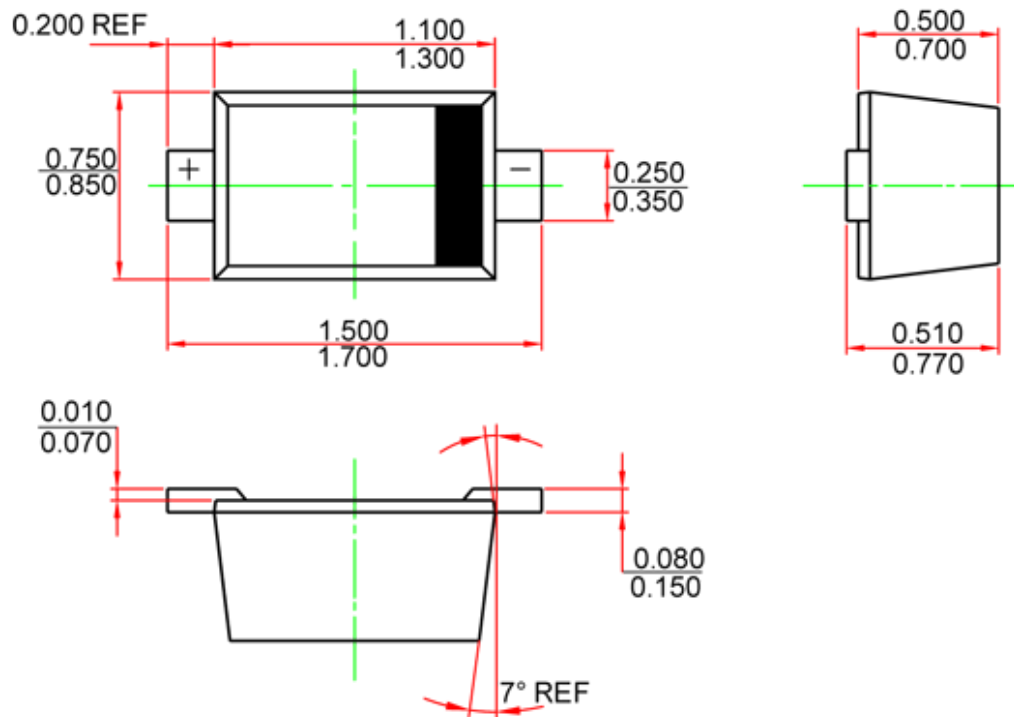
#### 1.1、SOD-723



## 1. 2、SOD-523



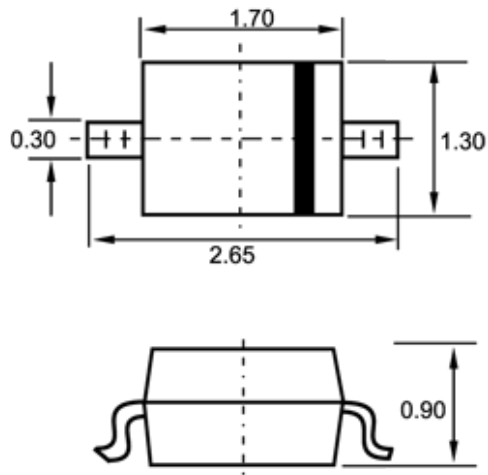
### SOD-523



### 1. 3、SOD-323



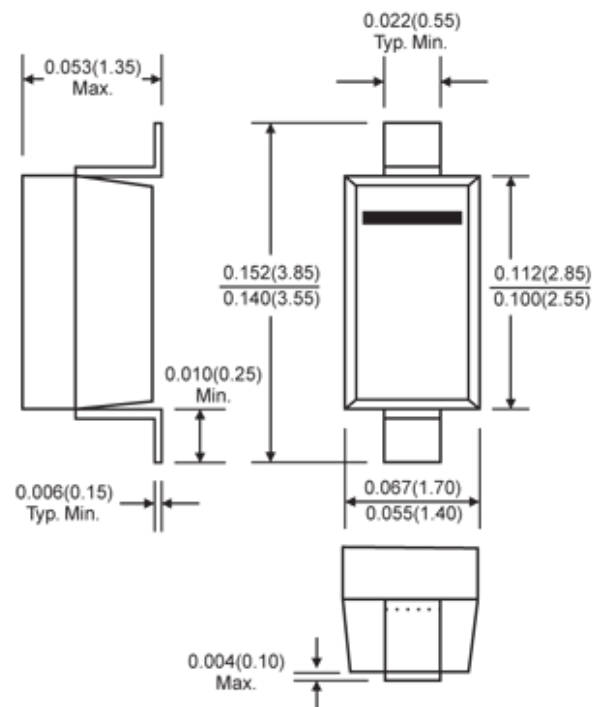
## SOD-323



#### 1. 4、SOD-123



### SOD-123

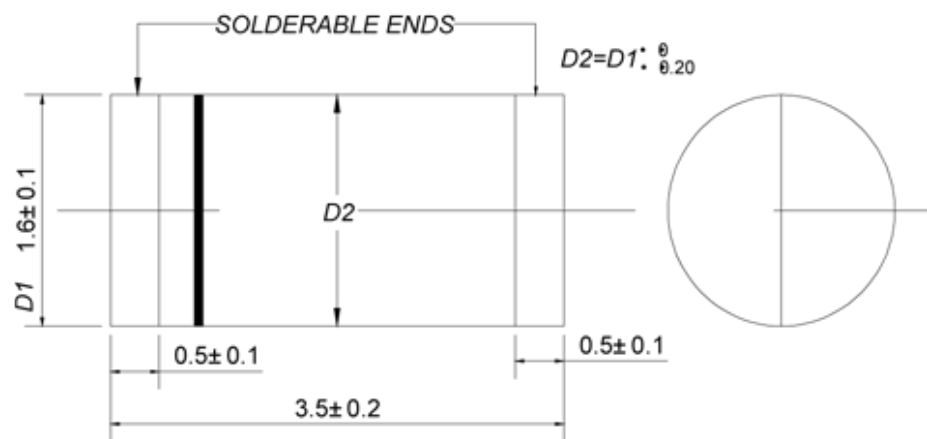




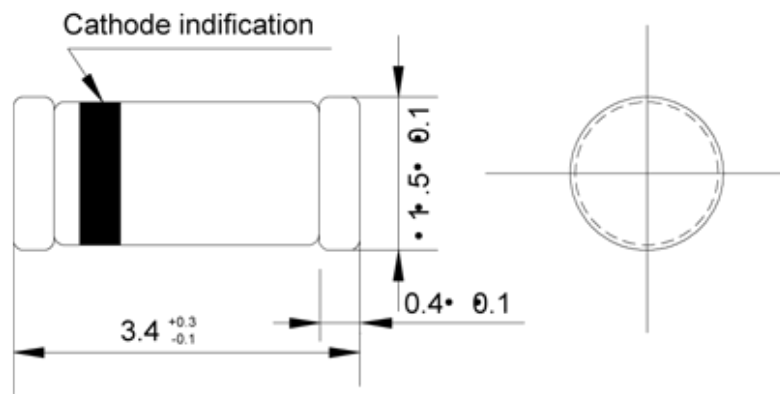
1.5、DO-213AA (LL-34, Mini-Melf)



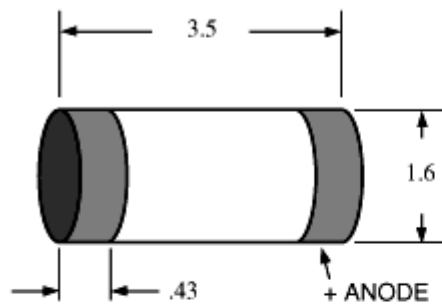
DO-213AA



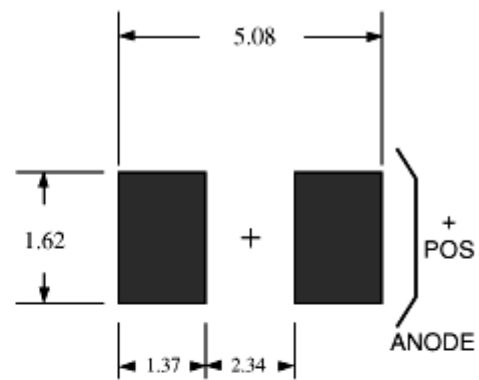
# MINI-MELF



# DO213AA

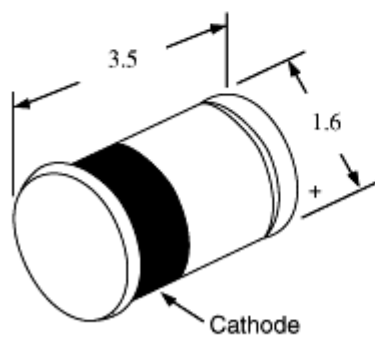


Top View



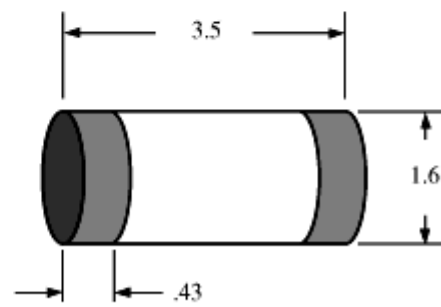
PC Board

Dimension = mm



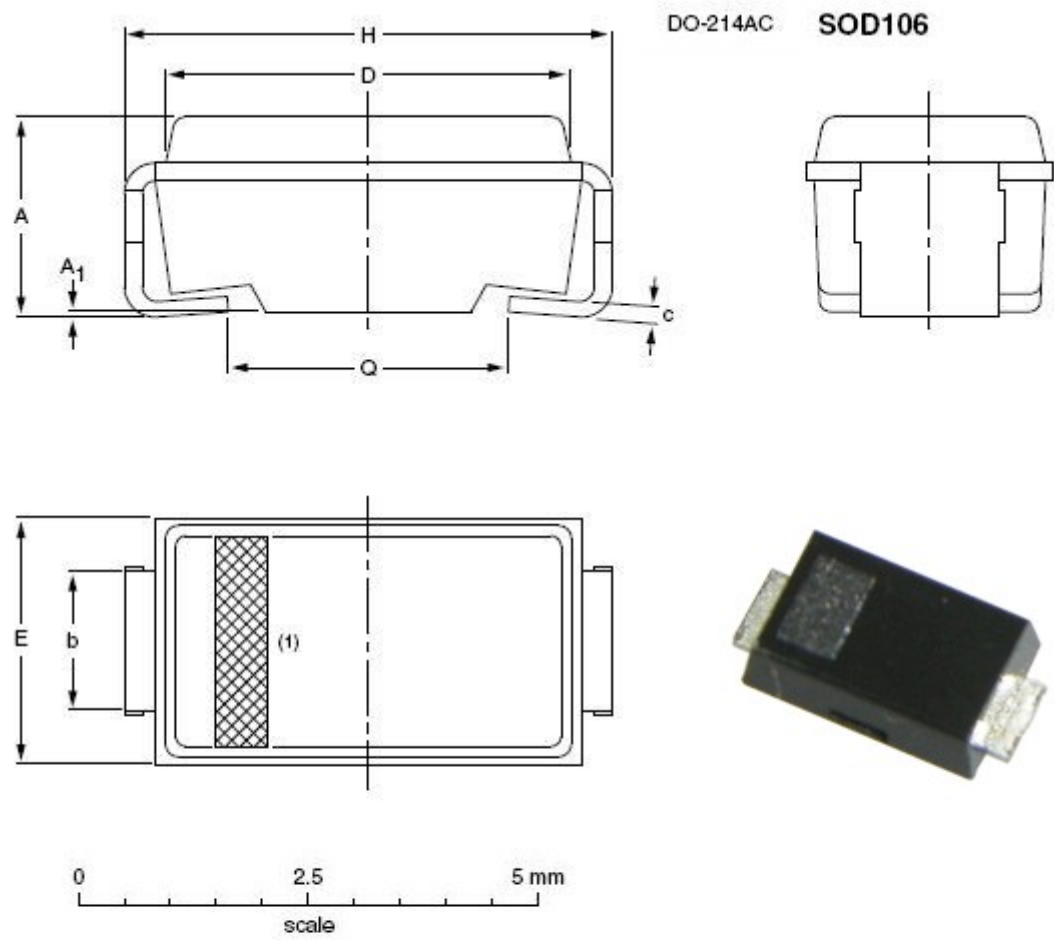
Glass Case

Quick View



Side View Detail

1. 6、SOD-106



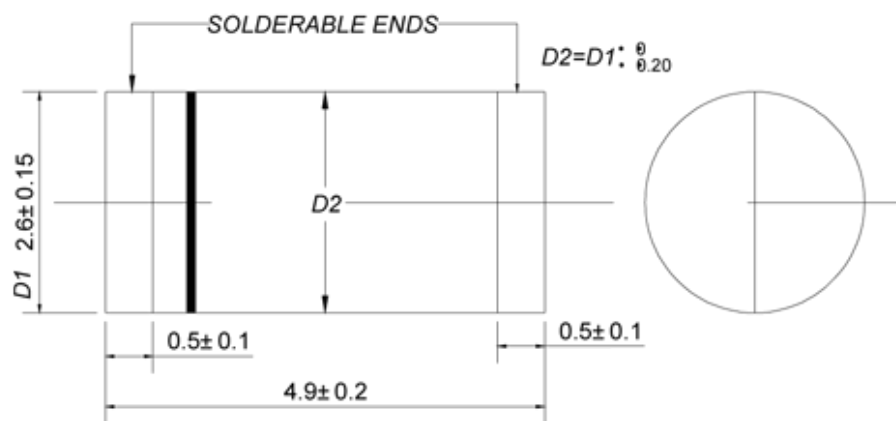
**DIMENSIONS** (mm are the original dimensions)

UNIT	A	A <sub>1</sub>	b	c	D	E	H	Q
mm	2.3 2.0	0.05	1.6 1.4	0.2	4.5 4.3	2.8 2.4	5.5 5.1	3.3 2.7

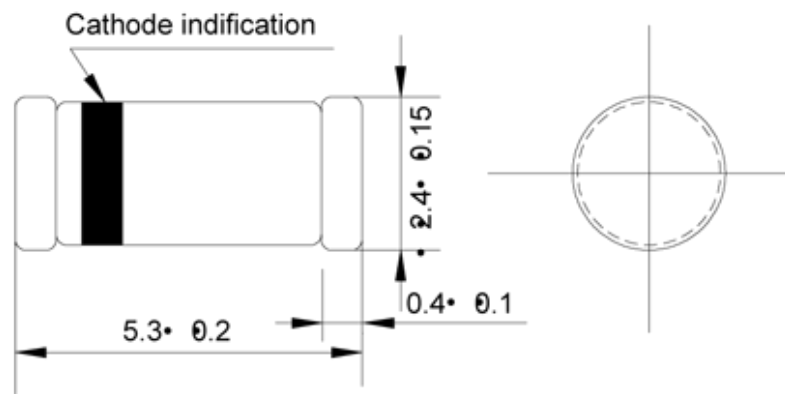
1.8、DO-213AB(Melf)

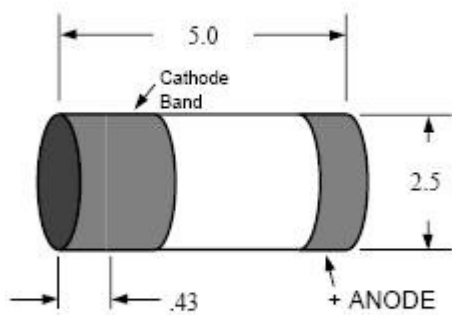


DO-213AB

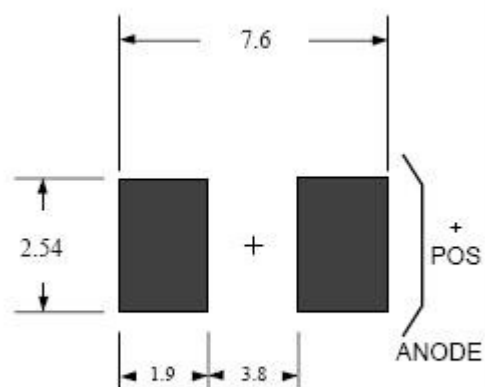


# MELF



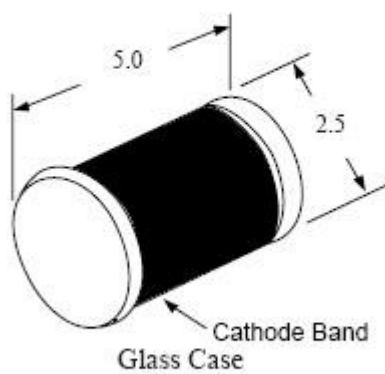


Top View

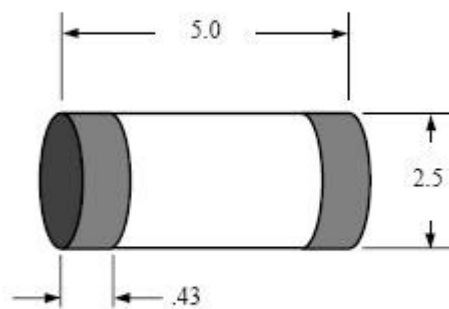


PC Board

Dimension = mm



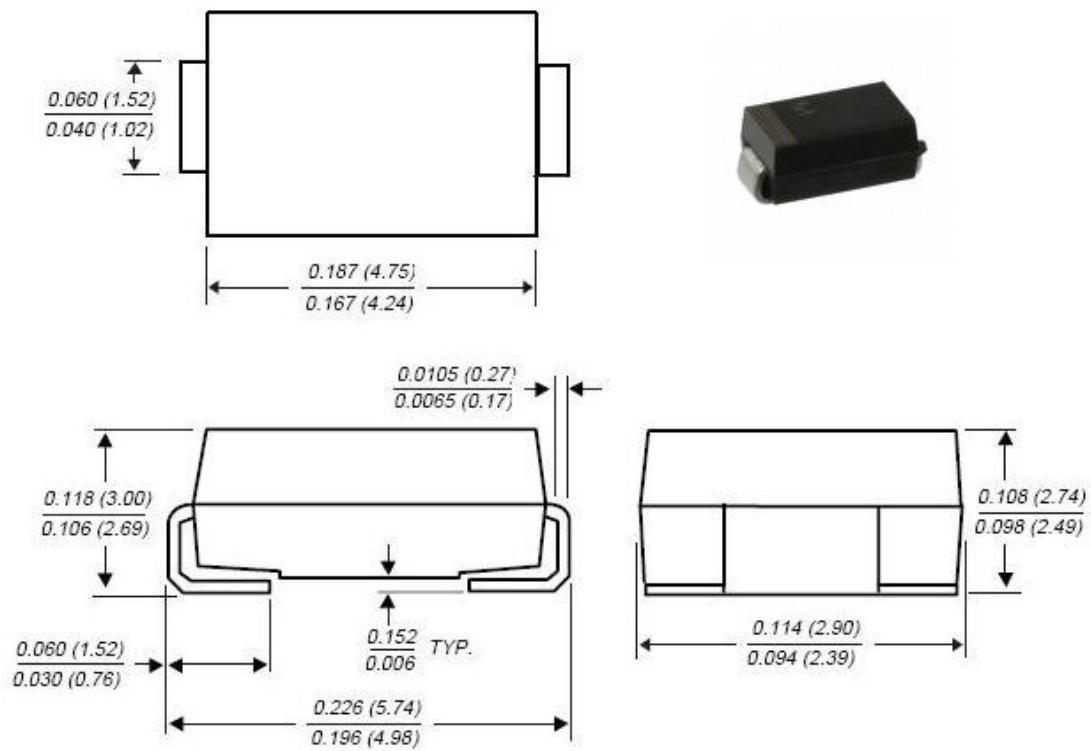
Quick View



Side View Detail

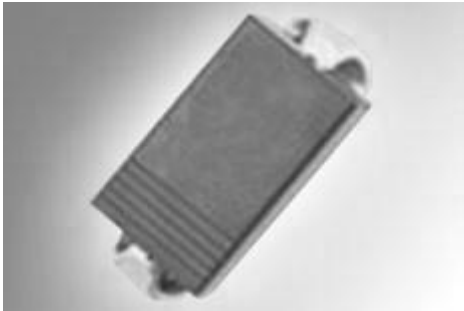
## 1.9、DO-214AC (SMA)

### DO214

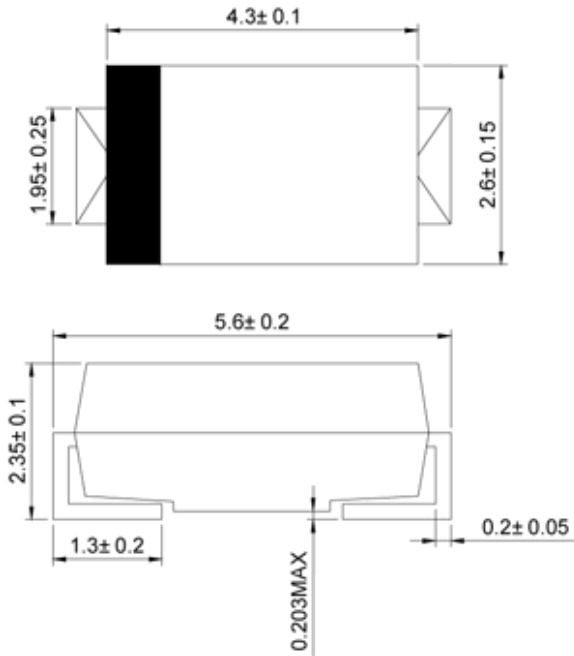




1. 9、 SMAJ



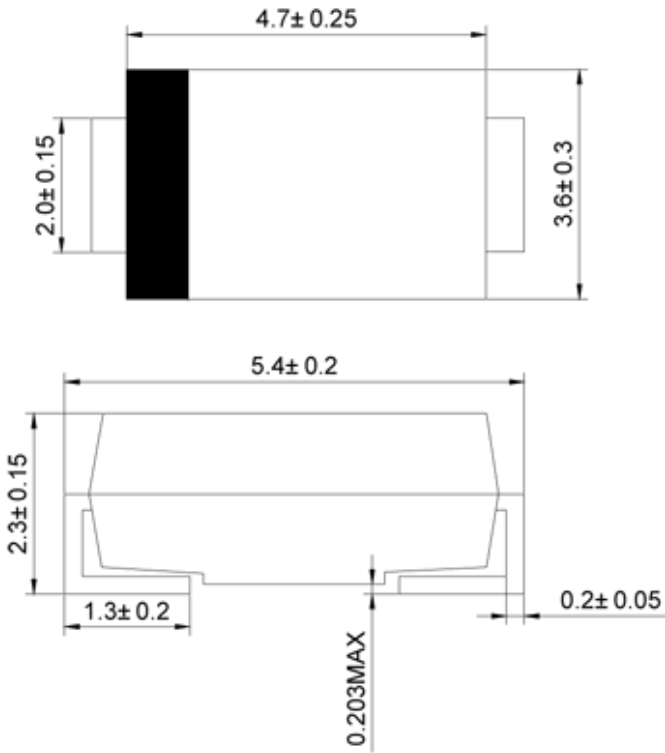
SMAJ

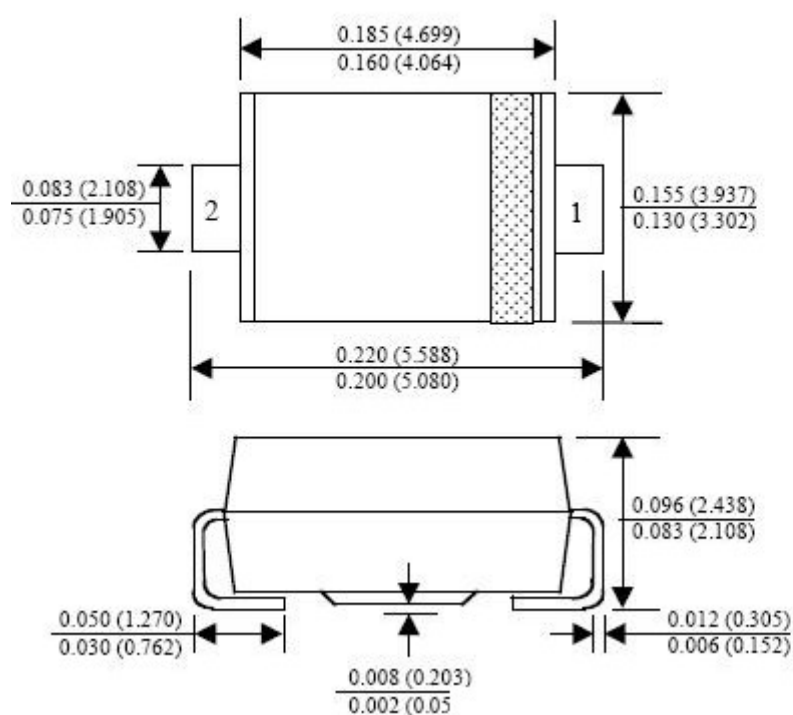


1. 10、D0-214AA (SMB)

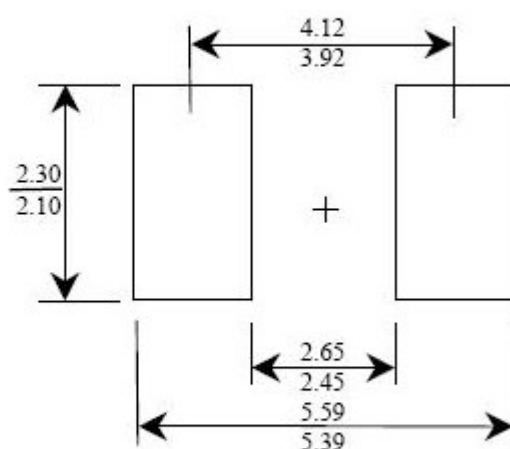


SMB

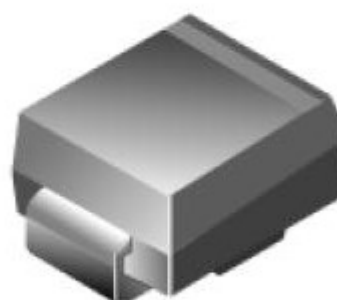




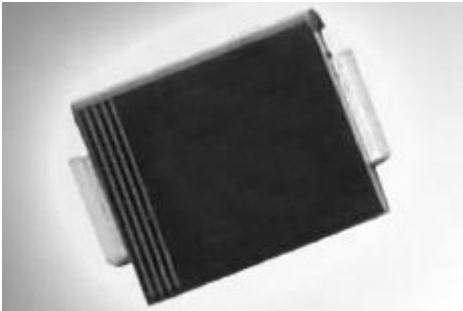
DO-214AA(SMB)



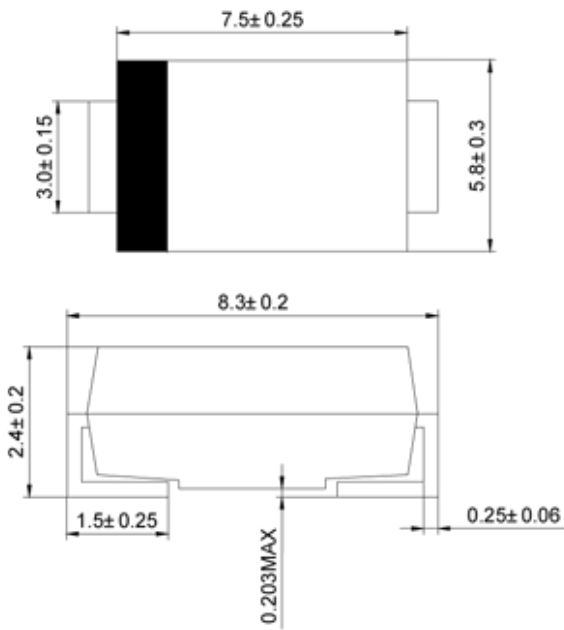
Minimum Recommended  
Land Pattern



1. 11、D0-214AB (SMC)



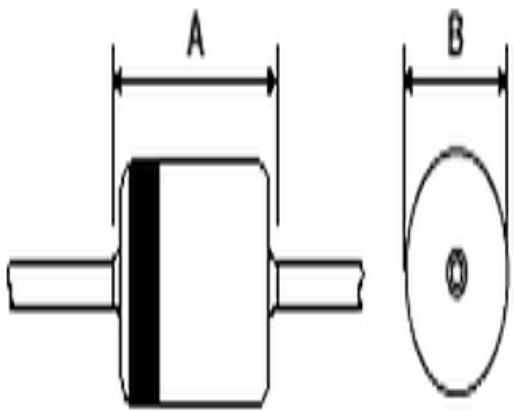
SMC



2、管脚式

2.1、D0-34

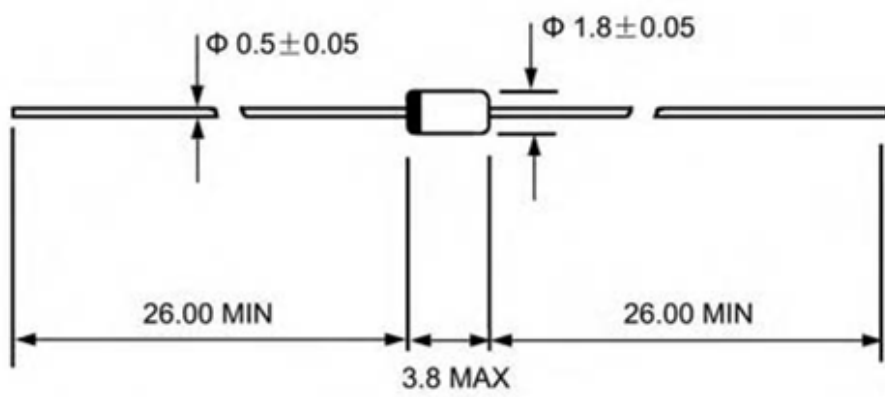


	尺寸 A	2.7
	尺寸 B	1.8

2.2、D0-35

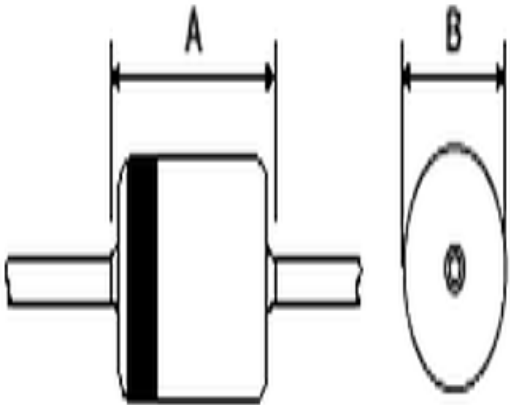


DO-35



2.3、D0-41Mini

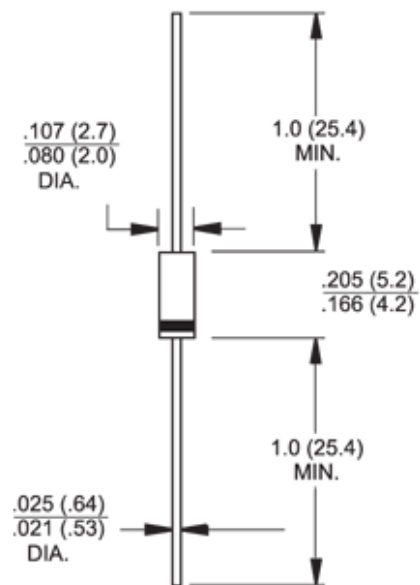


		尺寸 A	3.0mm
		尺寸 B	2.5mm

## 2. 4、A-405

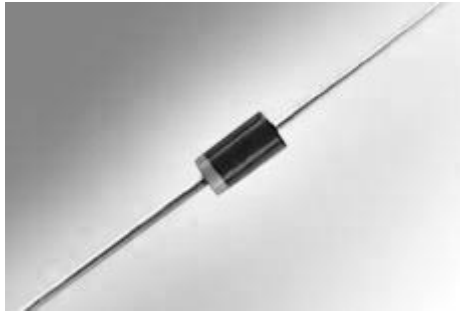


### A-405

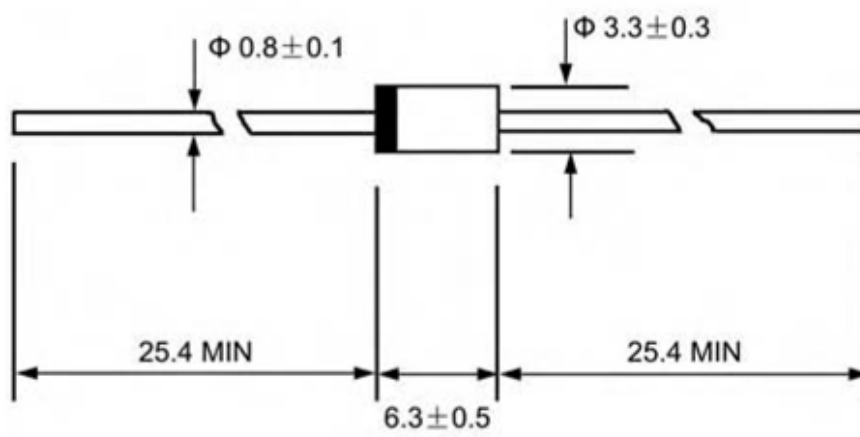




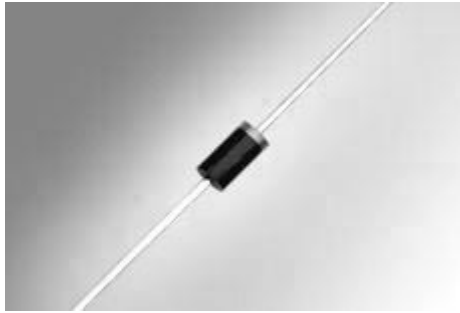
## 2.5、DO-15



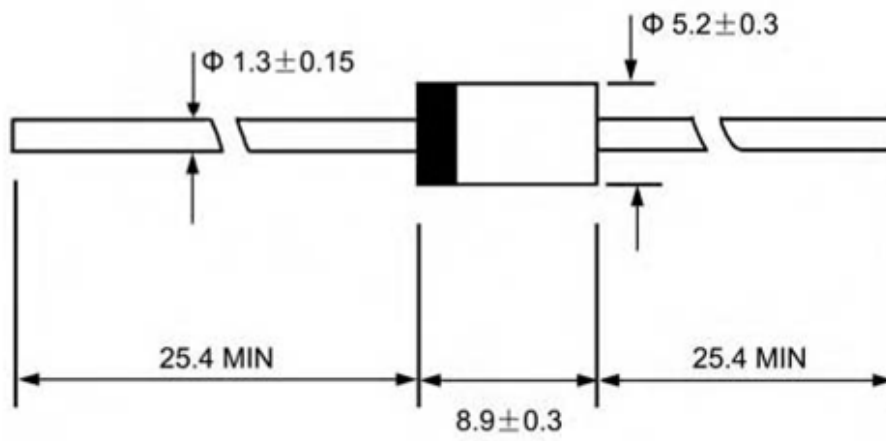
DO-15



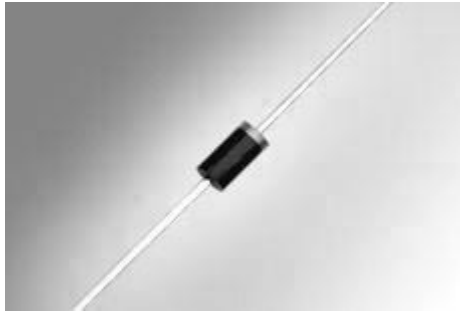
2.6、D0-27



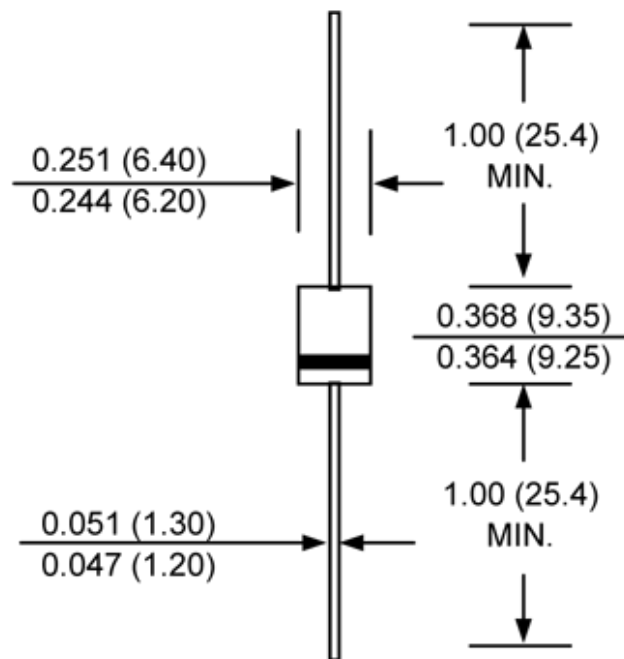
DO-27/DO-201AD



## 2. 7、DO-204AR



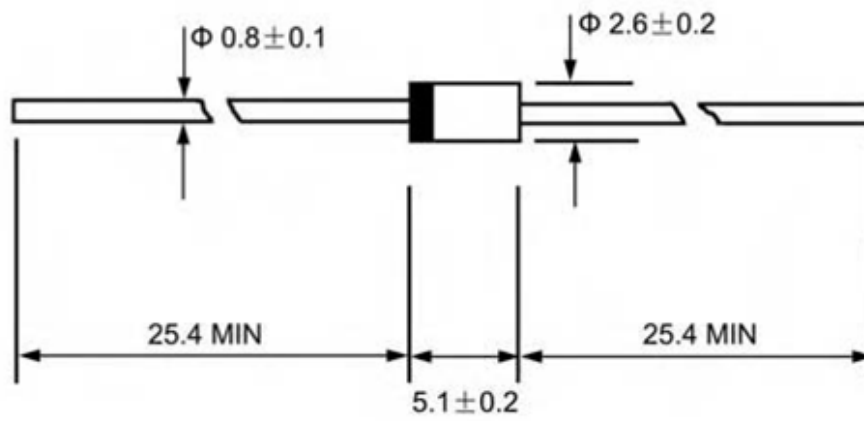
## DO-204AR



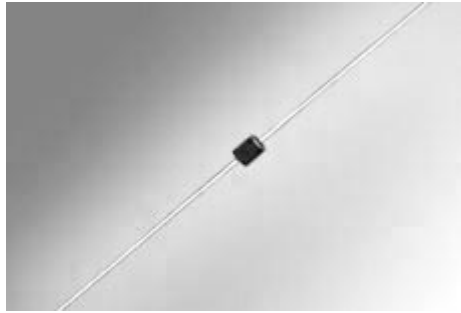
2.8、DO-41



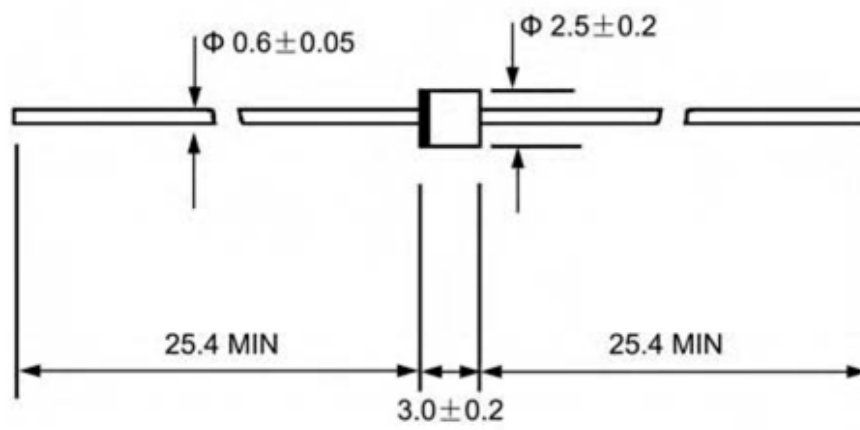
DO-41



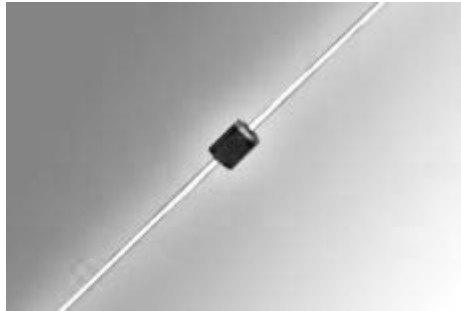
2.9、R-1



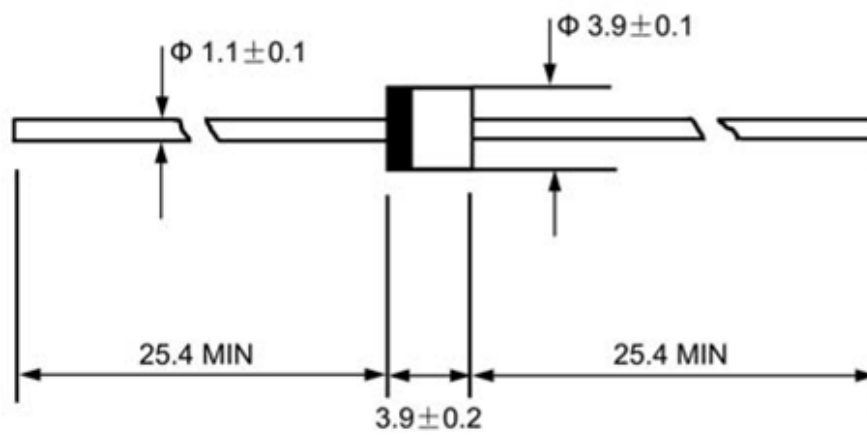
R-1



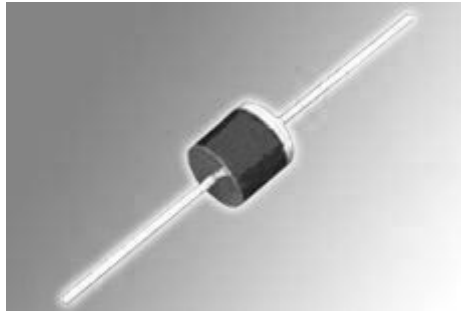
2. 10、 R-3



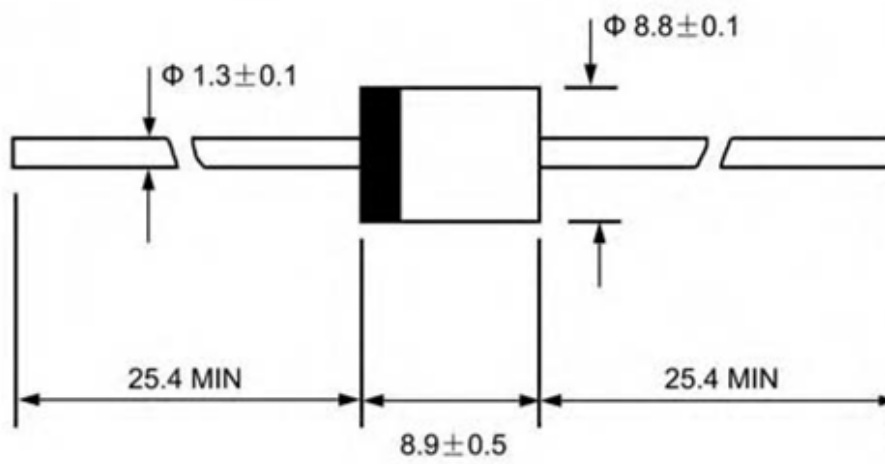
R-3



2.11、R-6

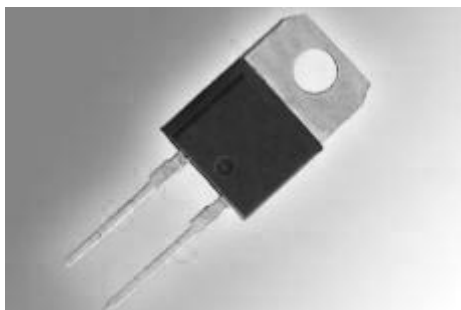


R-6



### 3、直插式

#### 3.1、TO-220AC



TO-220AC

