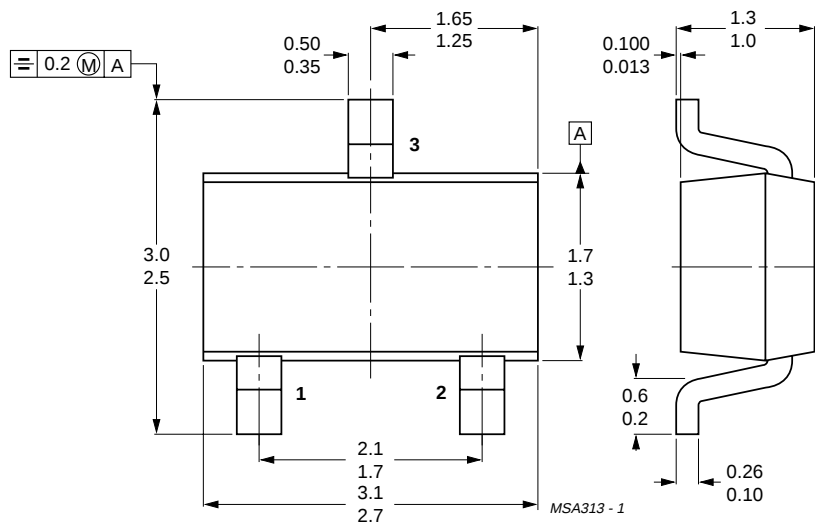


PACKAGE OUTLINES

Package	Surface-mount	Page
SC59 (SOT346)	yes	....
SC70-3 (SOT323)	yes	....
SO20 (SOT163-1)	yes	....
SOD27 (DO-35)	no	....
SOD57	no	....
SOD61A	no	....
SOD61AB	no	....
SOD61AC	no	....
SOD61AD	no	....
SOD61AE	no	....
SOD61AF	no	....
SOD61AG	no	....
SOD61AH	no	....
SOD61AI	no	....
SOD61AJ	no	....
SOD61AK	no	....
SOD61H2	no	....
SOD64	no	....
SOD66 (DO-41)	no	....
SOD68 (DO-34)	no	....
SOD80	yes	....
SOD80C	yes	....
SOD81	no	....
SOD83A	no	....
SOD87	yes	....
SOD88A	no	....
SOD91	no	....
SOD106 (DO-214AC)	yes	....
SOD106A	yes	....
SOD110	yes	....
SOD323	yes	....
SOT18/15 (TO-18)	no	....
SOT23	yes	....
SOT89	yes	....
SOT143	yes	....
SOT223	yes	....

Diodes

Package outlines

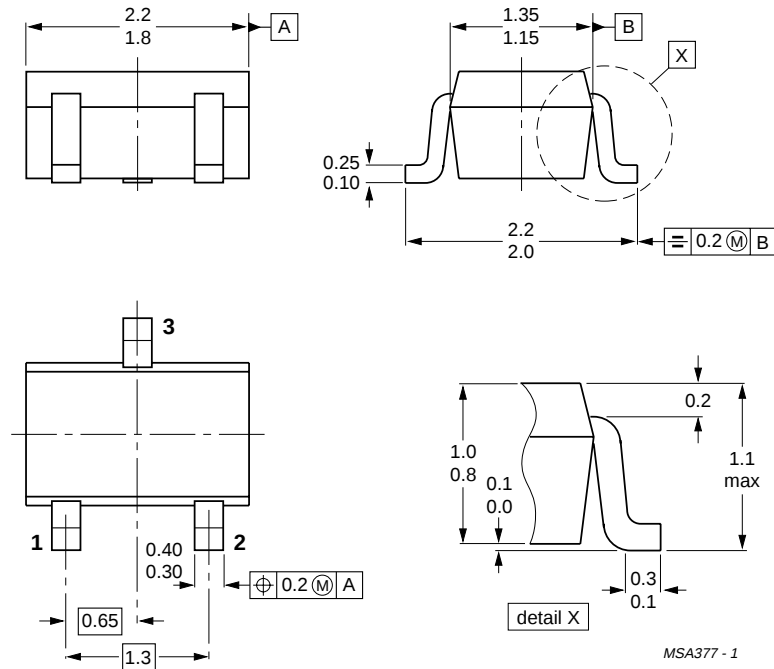


Dimensions in mm.

Fig.1 SC59 (SOT346).

Diodes

Package outlines



Dimensions in mm.

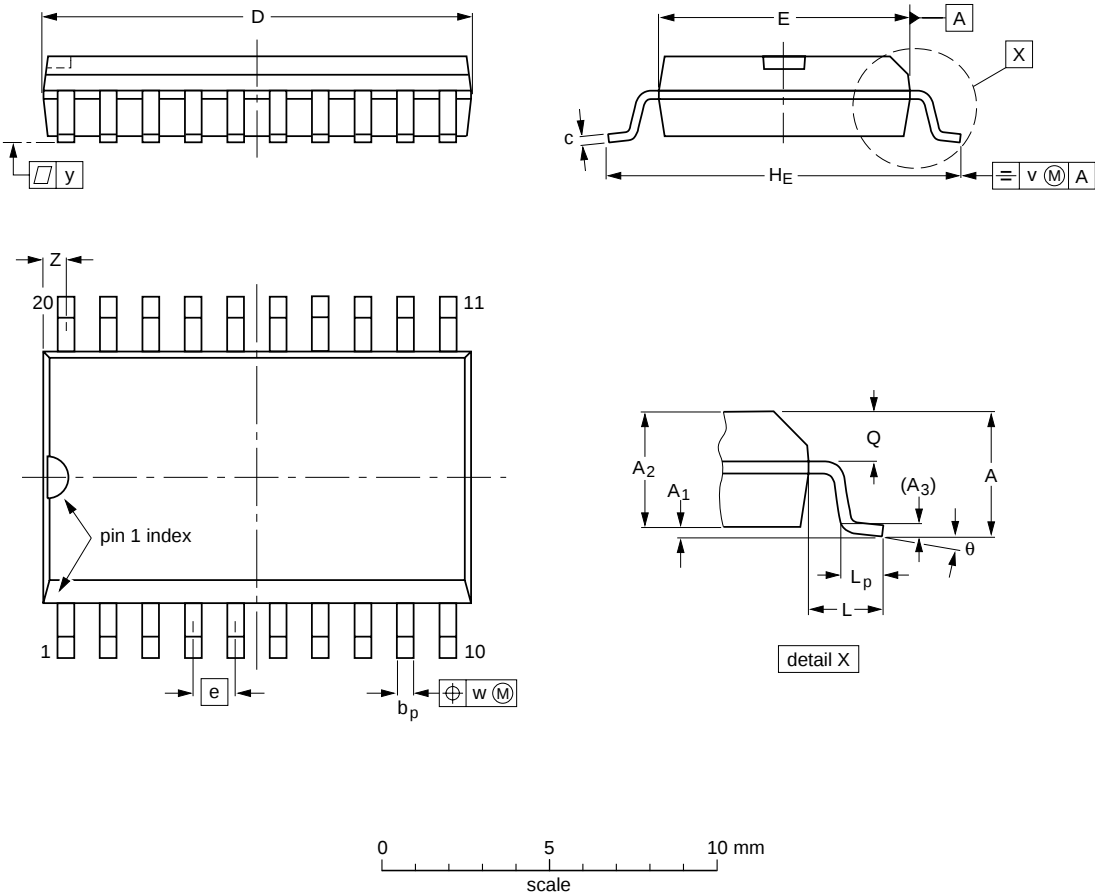
Fig.2 SC70-3 (SOT323).

Diodes

Package outlines

SO20: plastic small outline package; 20 leads; body width 7.5 mm

SOT163-1



DIMENSIONS (inch dimensions are derived from the original mm dimensions)

UNIT	A max.	A ₁	A ₂	A ₃	b _p	c	D ⁽¹⁾	E ⁽¹⁾	e	H _E	L	L _p	Q	v	w	y	z ⁽¹⁾	θ
mm	2.65	0.30 0.10	2.45 2.25	0.25	0.49 0.36	0.32 0.23	13.0 12.6	7.6 7.4	1.27	10.65 10.00	1.4	1.1 0.4	1.1 1.0	0.25	0.25	0.1	0.9 0.4	8° 0°
inches	0.10	0.012 0.004	0.096 0.089	0.01	0.019 0.014	0.013 0.009	0.51 0.49	0.30 0.29	0.050	0.419 0.394	0.055	0.043 0.016	0.043 0.039	0.01	0.01	0.004	0.035 0.016	

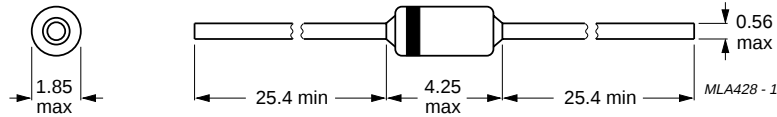
Note

1. Plastic or metal protrusions of 0.15 mm maximum per side are not included.

OUTLINE VERSION	REFERENCES				EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	EIAJ			
SOT163-1	075E04	MS-013AC				95-01-24 97-05-22

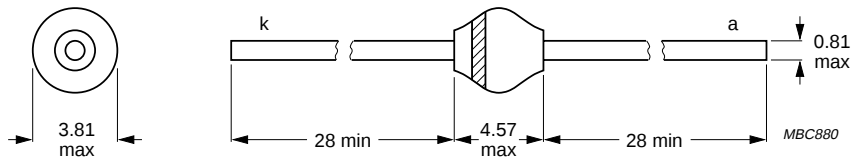
Diodes

Package outlines



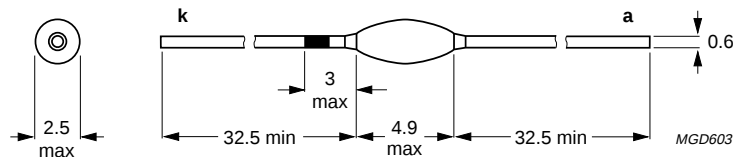
The marking band indicates the cathode.
Dimensions in mm.

Fig.3 SOD27 (DO-35).



The marking band indicates the cathode.
Dimensions in mm.

Fig.4 SOD57.

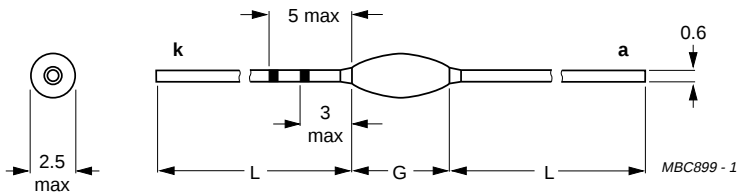


The marking band indicates the cathode.
Dimensions in mm.

Fig.5 SOD61A.

Diodes

Package outlines

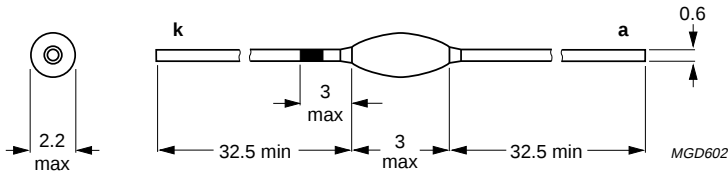


The marking bands indicates the cathode.
Dimensions in mm; see table below.

Fig.6 SOD61AB to AK.

SOD61 package specifications

PACKAGE CODE	L_{min} (mm)	G_{max} (mm)
SOD61AB	31.8	5.5
SOD61AC	30.4	8.3
SOD61AD	30.2	8.7
SOD61AE	30.0	9.1
SOD61AF	29.8	9.5
SOD61AG	29.6	9.9
SOD61AH	29.3	10.5
SOD61AI	28.8	11.5
SOD61AJ	28.3	12.5
SOD61AK	27.8	13.5

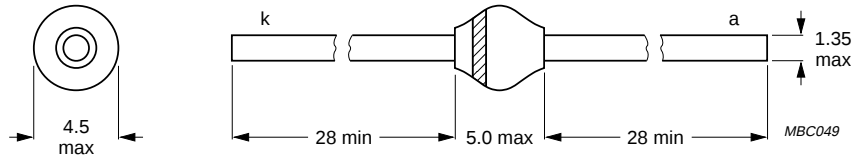


The marking band indicates the cathode.
Dimensions in mm.

Fig.7 SOD61H2.

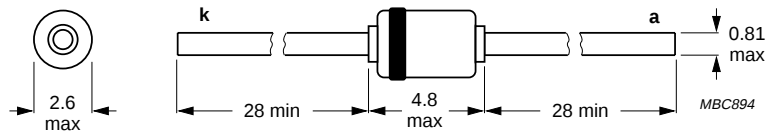
Diodes

Package outlines



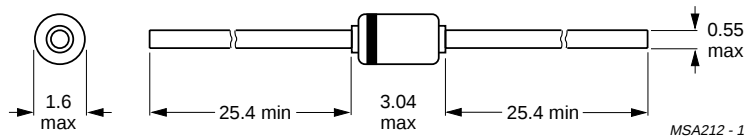
The marking band indicates the cathode.
Dimensions in mm.

Fig.8 SOD64.



The marking band indicates the cathode.
Dimensions in mm.

Fig.9 SOD66 (DO-41).

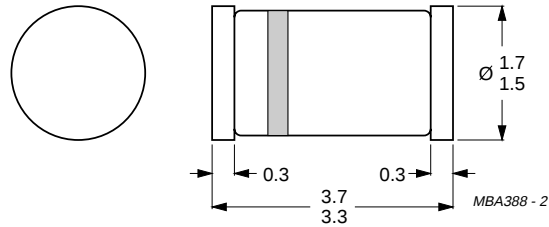


The marking band indicates the cathode.
Dimensions in mm.

Fig.10 SOD68 (DO-34).

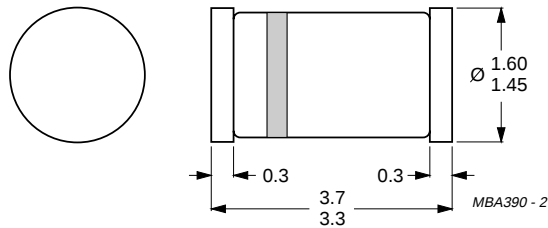
Diodes

Package outlines



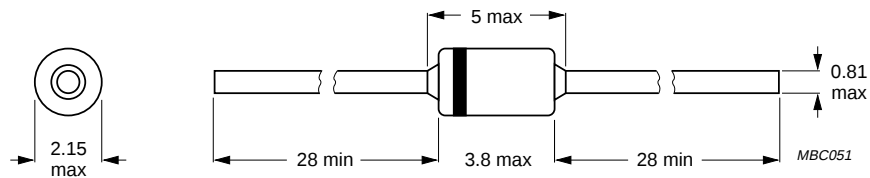
The marking band indicates the cathode.
Dimensions in mm.

Fig.11 SOD80.



The marking band indicates the cathode.
Dimensions in mm.

Fig.12 SOD80C.

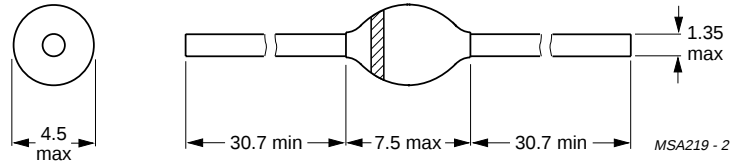


The marking band indicates the cathode.
Dimensions in mm.

Fig.13 SOD81.

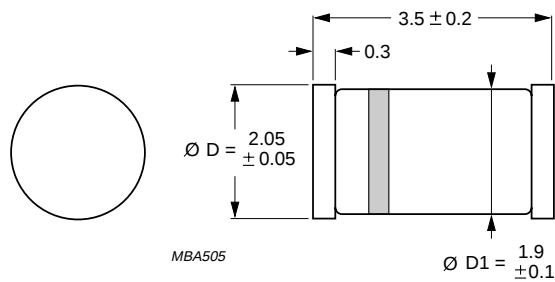
Diodes

Package outlines



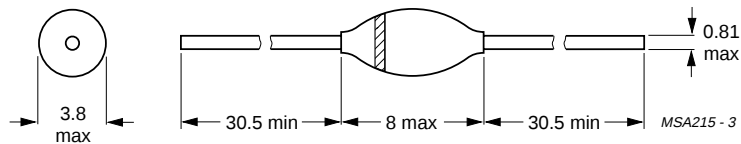
The marking band indicates the cathode.
Dimensions in mm.

Fig.14 SOD83A.



The marking band indicates the cathode.
Dimensions in mm.

Fig.15 SOD87.

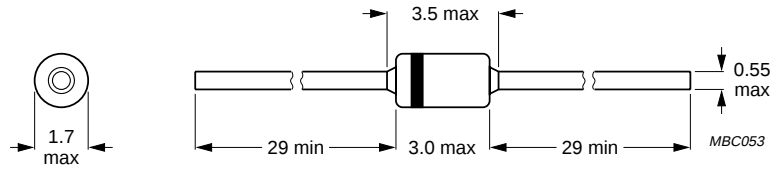


The marking band indicates the cathode.
Dimensions in mm.

Fig.16 SOD88A.

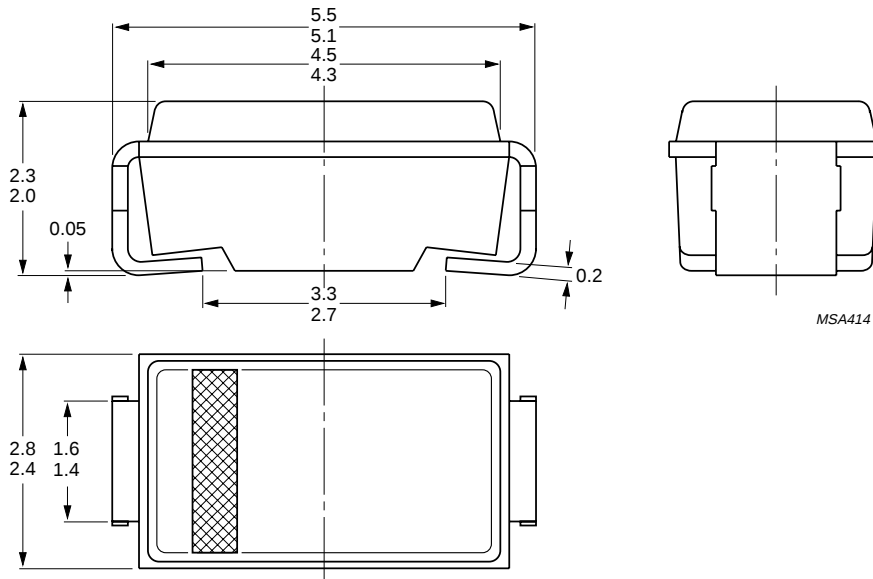
Diodes

Package outlines



The marking band indicates the cathode.
Dimensions in mm.

Fig.17 SOD91.

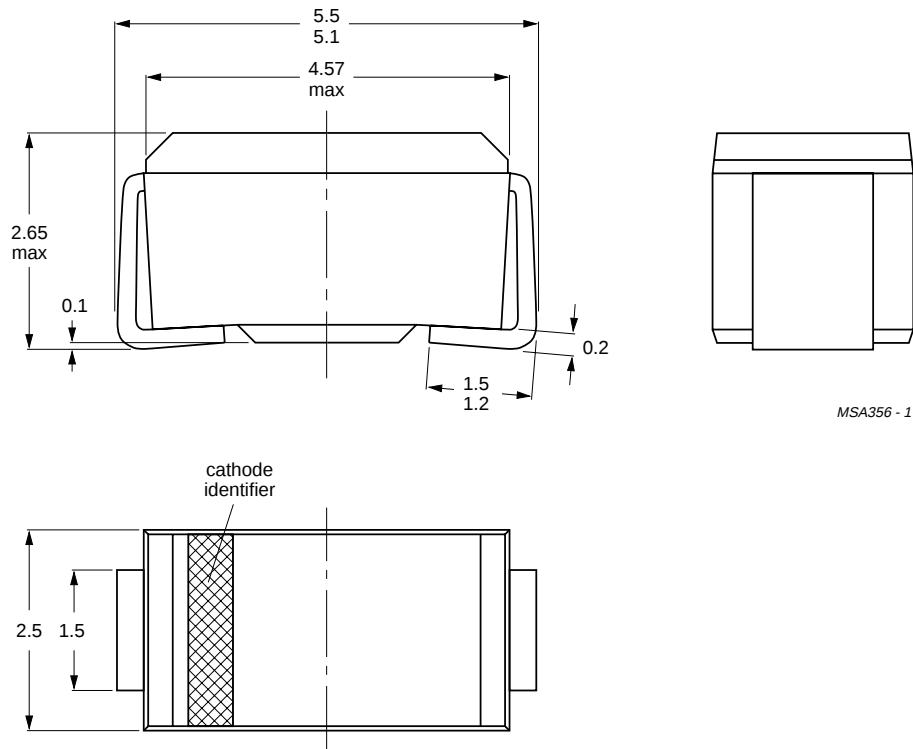


The marking band indicates the cathode.
Dimensions in mm.

Fig.18 SOD106 (DO-214AC).

Diodes

Package outlines

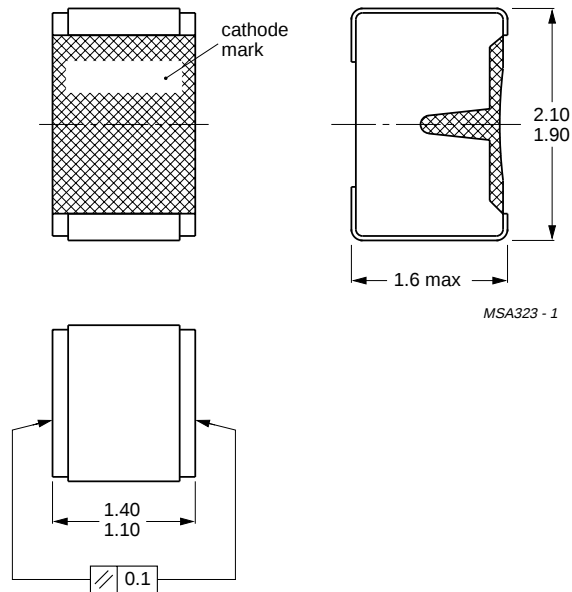


Dimensions in mm.

Fig.19 SOD106A.

Diodes

Package outlines



Dimensions in mm.

Fig.20 SOD110.

Diodes

Package outlines

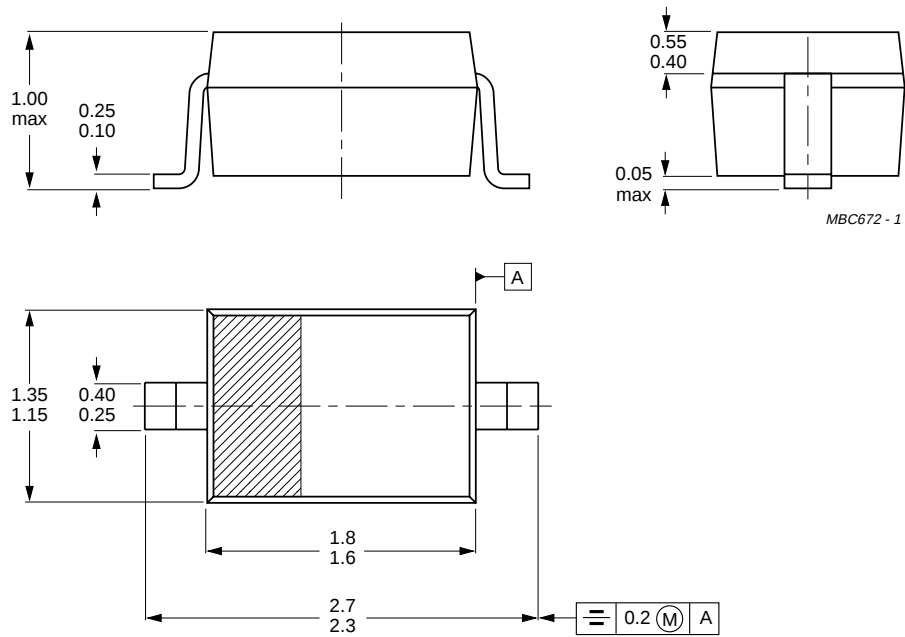
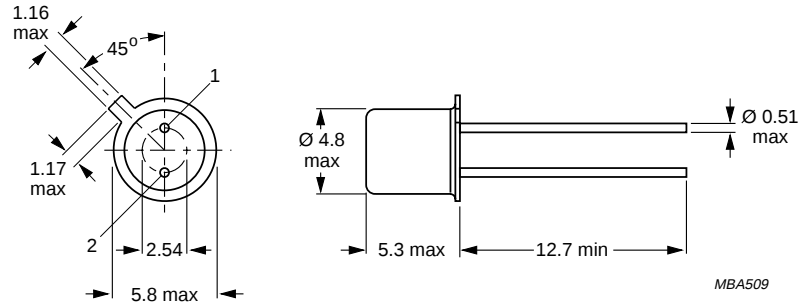


Fig.21 SOD323.

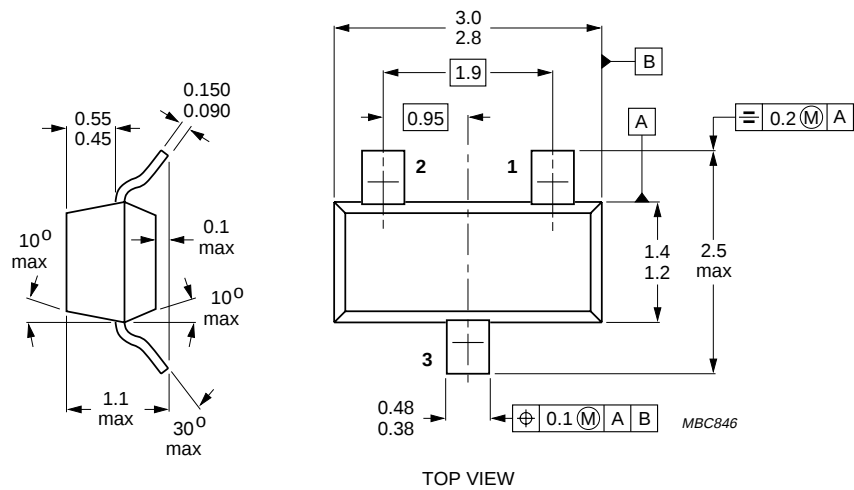
Diodes

Package outlines



Dimensions in mm.

Fig.22 SOT18/15 (TO-18 except for the two leads).

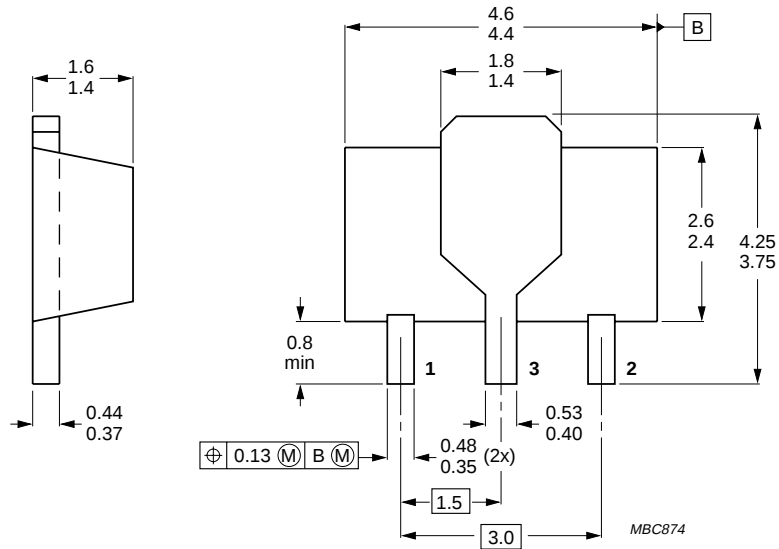


Dimensions in mm.

Fig.23 SOT23.

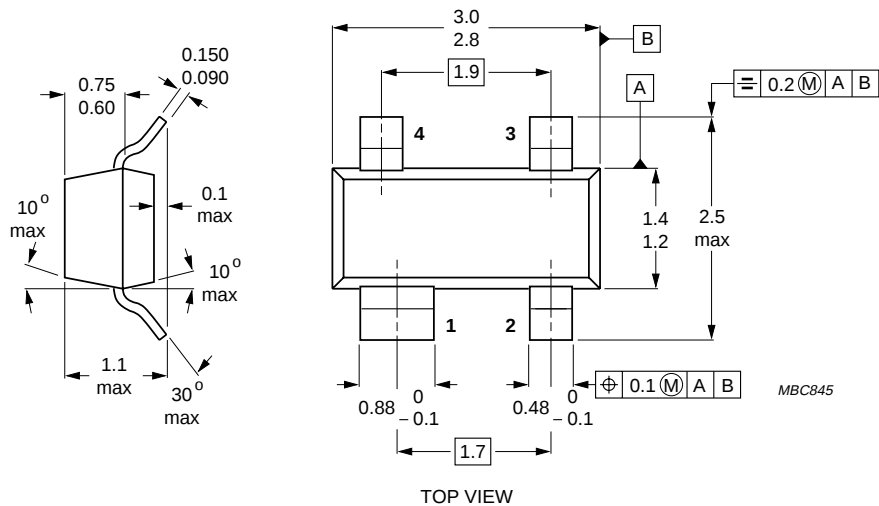
Diodes

Package outlines



Dimensions in mm.

Fig.24 SOT89.

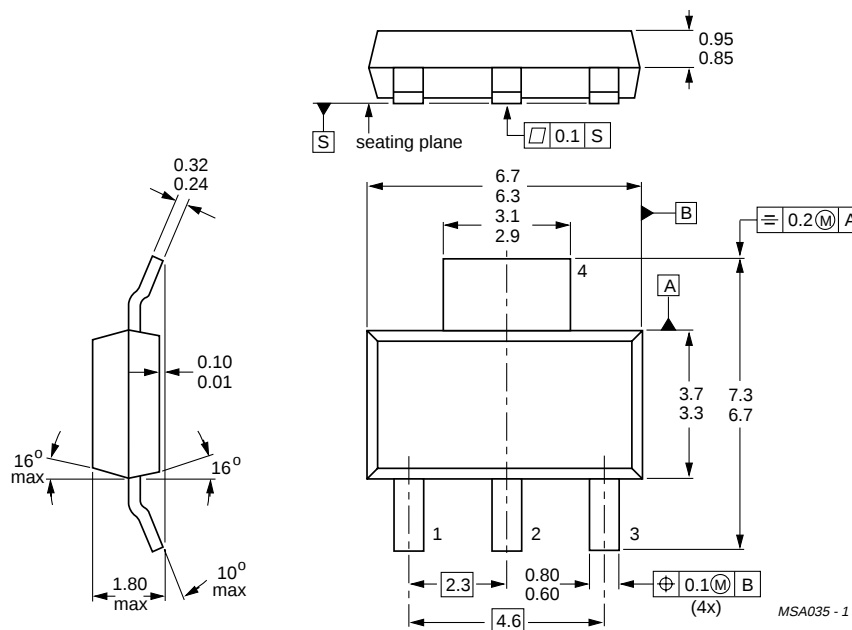


Dimensions in mm.

Fig.25 SOT143.

Diodes

Package outlines



Dimensions in mm.

Fig.26 SOT223.