

Surface Mount Switching Diodes
CMPD, CLL, CMSD Series, Specifications and Pricing

CentralTM
Semiconductor Corp.



SOT-23



SOD-80



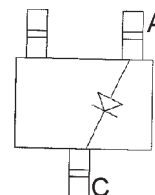
SOT-323

Single Switching Diode
Electrical Characteristics

For Package Dimensions & Land Patterns,
see pages 15 & 16

Part Number	V _{RRM} (V) Max	I _O (mA) Max	V _F @ I _F		t _{rr} (ns) Max
			(V) Max	(mA)	
CMPD914	100	200	1.0	10	4.0
CMPD4448	100	200	1.0	100	4.0
CLL914	100	200	1.0	10	4.0
CMSD4448	100	200	1.0	100	4.0

Top View



CMPD914
CMPD4448
CMSD4448

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Dual Switching Diode
Electrical Characteristics

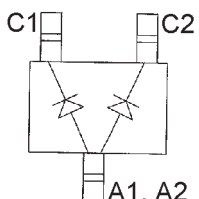
For Package Dimensions & Land Patterns,
see pages 15 & 16

Part Number	V _{RRM} (V) Max	I _O (mA) Max	V _F @ I _F		t _{rr} (ns) Max
			(V) Max	(mA)	
CMPD2836	75	200	1.0	50	6.0
CMPD2838	75	200	1.0	50	6.0
CMPD7000	100	200	1.1	100	15
CMPD2004S	300	200	1.0	100	50

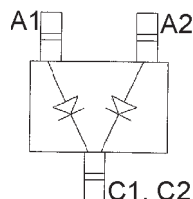


SOT-23

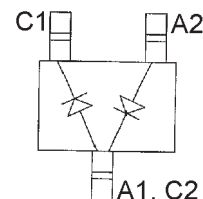
Top View



CMPD2836



CMPD2838



CMPD7000
CMPD2004S

Package Dimensions & Land Patterns

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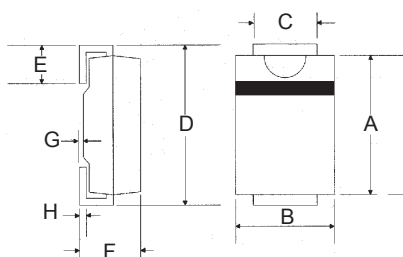


SOT-A



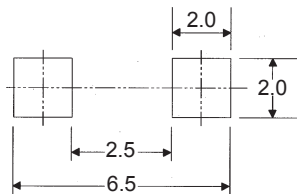
SOT-B

Pkg Dimensions (in/mm)

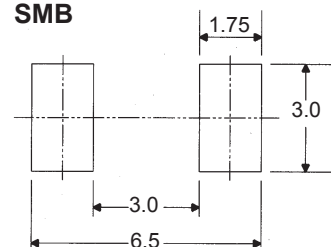


Land Pattern (mm)

SMA



SMB



Package	A	B	C	D	E	F	G	H
SMA	.157(3.99)	.090(2.29)	.050(1.27)	.188(4.78)	.030(.76)	.078(1.98)	.004(.10)	.006(.15)
	.181(4.60)	.115(2.92)	.070(1.78)	.220(5.59)	.060(1.52)	.103(2.62)	.008(.20)	.012(.30)
SMB	.160(4.06)	.130(3.3)	.077(1.96)	.200(5.08)	.030(.76)	.086(2.18)	.004(.10)	.006(.15)
	.180(4.57)	.150(3.81)	.083(2.11)	.220(5.59)	.060(1.52)	.096(2.44)	.008(.20)	.012(.30)

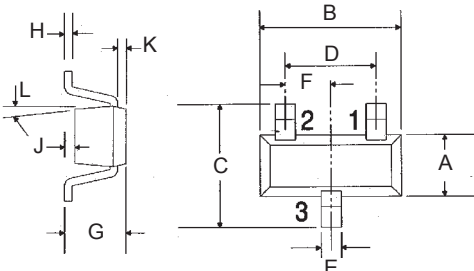
Pkg Dimensions (in/mm)



SOT-23

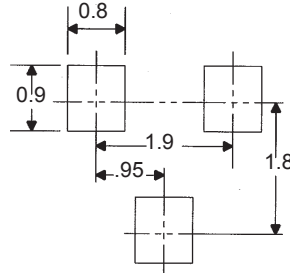


SOT-323

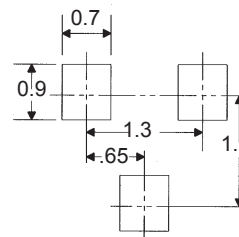


Land Patterns (mm)

SOT-23



SOT-323

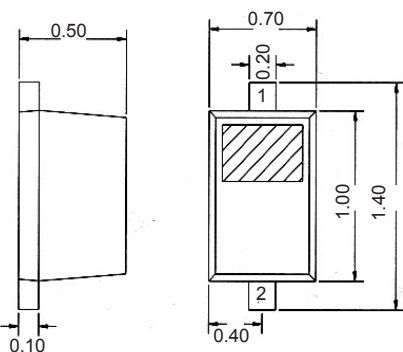


Package	A	B	C	D	E	F	G	H	J	K	L
SOT-23	.047(1.19)	.110(2.8)	.106(2.70)	.083(2.10)	.014(.35)	.041(.35)	.037(.94)	.003(.08)	.005(.13)	--	--
	.063(1.60)	.118(3.00)	Max	Nominal	.020(.50)	Nominal	.050(1.28)	.006(.15)	Max	--	--
SOT-323	.045(1.14)	.063(1.60)	.079(2.00)	.047(1.19)	.008(.20)	--	.031(.79)	.003(.08)	.004(.10)	.004(.10)	10
	.053(1.35)	.087(2.22)	.087(2.22)	.055(1.40)	.016(.41)	--	.039(1.0)	.006(.15)	Max	.01(.25)	

Pkg Dimensions (mm)



SOD-523



Land Pattern (mm)

