

Surface Mount Schottky Diodes
CMDSH, CMSSH, CMSH1 Series, Specifications and Pricing

CentralTM
Semiconductor Corp.

Schottky Diodes - Single, Dual
Electrical Characteristics

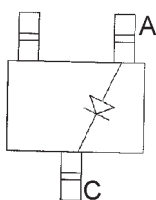

SOD-323


SOT-323

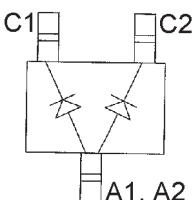
Part Number	V _{RRM} (V) Max	I _F (mA) Max	V _F @ I _F		t _{rr} (ns) Max	C _T (pF) Max
			(V) Max	(mA)		
CMDSH-3	30	100*	0.55	50	5.0	7.0*
CMSSH-3	30	100	0.45	15	5.0	7.0
CMSSH-3A	30	100	0.45	15	5.0	7.0
CMSSH-3C	30	100	0.45	15	5.0	7.0
CMSSH-3S	30	100	0.45	15	5.0	7.0

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

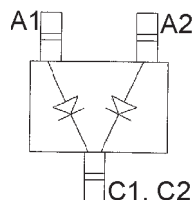
Top View



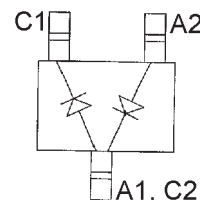
CMSSH-3



CMSSH-3A



CMSSH-3C



CMSSH-3S

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Schottky Barrier Rectifiers
Electrical Characteristics


SMA


SMB

Part Number	V _{RRM} (V) Max	V _R (RMS) (mA)	I _{FSM} (mA) Max	V _F @ I _F	
				(V) Max	(mA)
CMSH1-20M	20	14	30	0.5	1.0
CMSH1-40M	40	28	30	0.5	1.0
CMSH1-60M	60	42	30	0.7	1.0
CMSH1-40	40	70	30	0.55	1.0

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

Mfg Specs

- Go to www.garrettelec.com
- Enter part number or find by description
- Select "S", select "manufacturer's specifications"

Package Dimensions & Land Patterns

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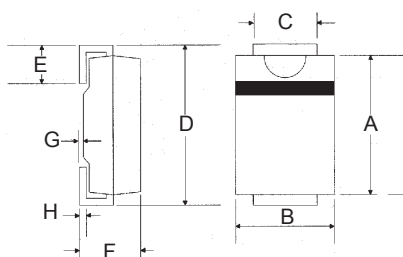


SOT-A



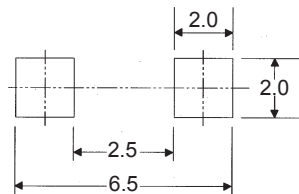
SOT-B

Pkg Dimensions (in/mm)

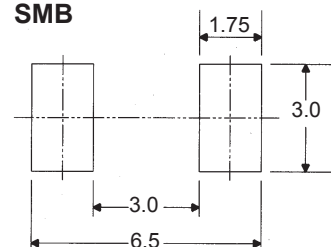


Land Pattern (mm)

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)

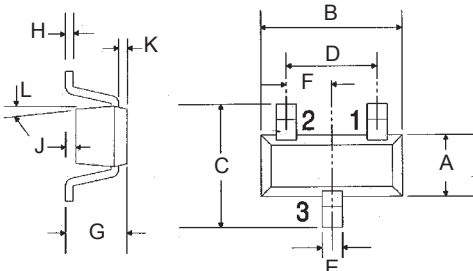
Pkg Dimensions (in/mm)



SOT-23

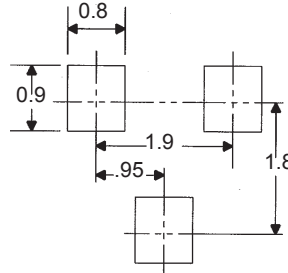


SOT-323

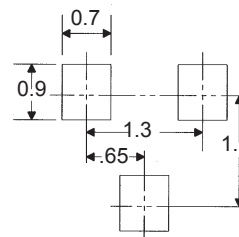


Land Patterns (mm)

SOT-23



SOT-323

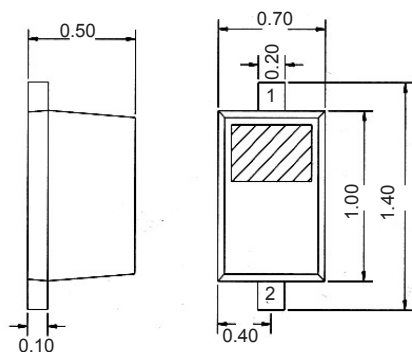


Package	A	B	C	D	E	F	G	H	J	K	L
SOT-23	.047(1.19)	.110(2.8)	.106(2.70)	.083(2.10)	.014(.35)	.041(.35)	.037(.94)	.003(.08)	.005(.13)	--	--
	.063(1.60)	.118(3.00)	Max	Nominal	.020(.50)	Nominal	.050(1.28)	.006(.15)	Max	--	--
SOT-323	.045(1.14)	.063(1.60)	.079(2.00)	.047(1.19)	.008(.20)	--	.031(.79)	.003(.08)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

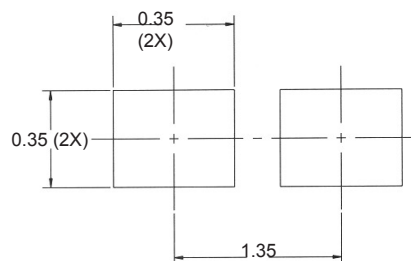
Pkg Dimensions (mm)



SOD-523



Land Pattern (mm)

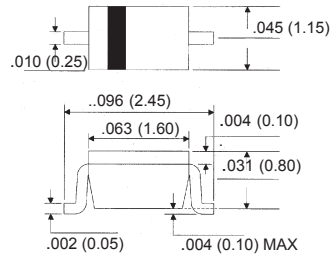


Package Dimensions & Land Patterns

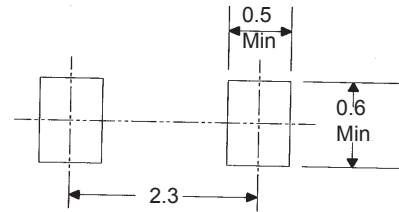
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Semiconductor Corp.

SOD-323

Pkg Dimensions (in/mm)

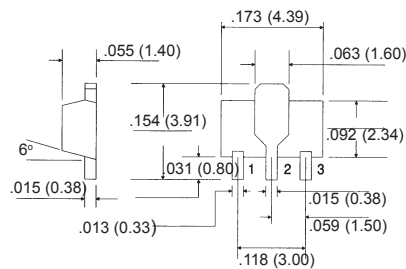


Land Pattern mm

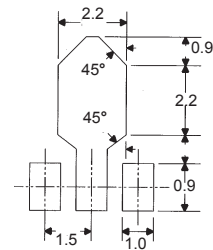


SOT-89

Pkg Dimensions (in/mm)

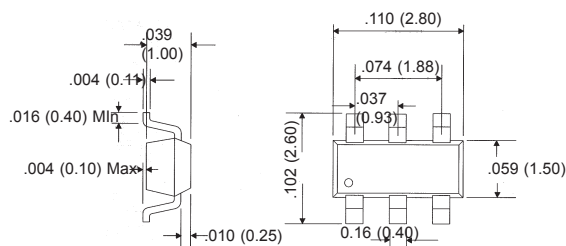


Land Pattern mm

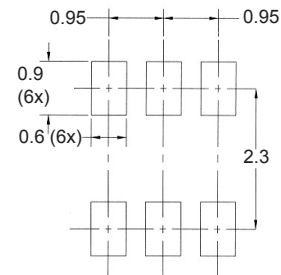


SOT-26

Pkg Dimensions (in/mm)

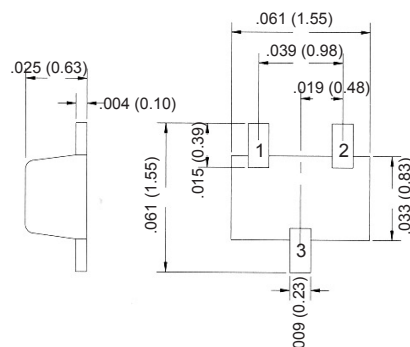


Land Pattern mm



SOT-523

Pkg Dimensions (in/mm)



Land Pattern mm

