Garrett Electronics Corp.
phone 805 922 0594 800 767 0081 fax 805 922 3643 1320 W. McCoy Lane Santa Maria, CA 93455
www.garrettelec.com email custserv@garrettelec.com

Surface Mount Schottky Rectifiers
SS1H, SS2H, SS3H, SS1, SS2, SS3, SL Series, Specifications & Pricing

VISHAY

High Volt Schottky Rectifier Electrical Characteristics

For Package Dimensions & Land Patterns, see page 6

SMA

SMB

SMC

Part Number	Package	I_{FAV} (A)	I_{FSM} (A)	Rev. Voltage (V)	V_{RMS} (V)	V_{RWM} (V)	V_{DC} (V)	V_F @ I_F (V)	V_F @ I_F (A)	Tj max (C)
SS1H10	DO-214AC (SMA)	1	50	100	70		100	0.77	1	175
SS2H10	DO-214AA (SMB)	2	75	100		100	100	0.79	2	175
SS3H10	DO-214AB (SMC)	3	100	100		100	100	0.8	3	175

Schottky Barrier Rectifier Electrical Characteristics

For Package Dimensions & Land Patterns, see page 6

Part Number	Package	I_{FAV} (A)	I_{FSM} (A)	Rev. Voltage (V)	V_{RMS} (V)	V_{DC} (V)	V_F @ I_F (V)	V_F @ I_F (A)	Tj max (C)
SS14	DO-214AC (SMA)	1	40	40	28	40	0.5	1	125
SS24	DO-214AA (SMB)	2	50	40	28	40	0.5	2	125
SS34	DO-214AB (SMC)	3	100	40	28	40	0.5	3	125
SS16	DO-214AC (SMA)	1	40	60	42	60	0.75	1	150
SS26	DO-214AA (SMB)	2	50	60	42	60	0.75	2	150
SS36	DO-214AB (SMC)	3	100	60	42	60	0.75	3	150

VISHAY

Low V_F Schottky Rectifier Electrical Characteristics

For Package Dimensions & Land Patterns, see page 6

Part Number	Package	I_{FAV} (A)	I_{FSM} (A)	Rev. Voltage (V)	V_{RMS} (V)	V_{DC} (V)	V_F @ I_F (V)	V_F @ I_F (A)	Tj max (C)
SL44	DO-214AB (SMC)	4	150	40	28	40	0.44	4	125

Garrett Electronics Corp.
phone 805 922 0594 800 767 0081 fax 805 922 3643 1320 W. McCoy Lane Santa Maria, CA 93455
www.garrettelec.com email custserv@garrettelec.com

Package Dimensions & Land Pattern
SMA, SMB, SMC

Package Dimensions

	SMA	SMB	SMC
A	0.065 (1.65) 0.049 (1.25)	0.086 (2.20) 0.077 (1.95)	0.126 (3.20) 0.114 (2.90)
B	0.110 (2.79) 0.100 (2.54)	0.155 (3.94) 0.130 (3.30)	0.245 (6.22) 0.220 (5.59)
C	0.177 (4.50) 0.157 (3.99)	0.180 (4.57) 0.160 (4.06)	0.280 (7.11) 0.260 (6.60)
D	0.012 (0.305) 0.006 (0.152)	0.012 (0.305) 0.006 (0.152)	0.012 (0.305) 0.006 (0.152)
E	0.090 (2.29) 0.078 (1.98)	0.096 (2.44) 0.084 (2.13)	0.103 (2.62) 0.079 (2.06)
F	0.060 (1.52) 0.030 (0.76)	0.060 (1.52) 0.030 (0.76)	0.060 (1.52) 0.030 (0.76)
G	0.208 (5.28) 0.194 (4.93)	0.220 (5.59) 0.205 (5.21)	0.320 (8.13) 0.305 (7.75)
H	0.008 (0.203) Max.	0.008 (0.203) Max.	0.008 (0.203) Max.

Land Pattern

	SMA	SMB	SMC
J	0.052 Min. (1.32 Min.)	0.050 Min. (1.27 Min.)	
K	0.220 (5.58) Ref	0.220 Ref.	0.320 Ref.
L	0.094 Max. (2.38 Max.)	0.106 Max. (2.69 Max.)	0.185 Max. (4.69 Max.)
M			0.060 Min. (1.52 Min.)
N	0.060 Min. (1.52 Min.)	0.083 Min. (2.10 Min.)	0.121 Min. (3.07 Min.)