

D
Rev B Mar.-2021

SSD

50V ~ 1000V 2.0A SMA

Surface Mount General Purpose Silicon Rectifiers, Reverse Voltage 50 to 1000V, Forward Current: 2.0A, SMA package.

SSD

RoHS 2011/65/EU

Glass Passivated Chip Junction, Lead free in comply with EU RoHS 2011/65/EU directives, For surface mounted applications. HF product.

SSD

General purpose.

SSD

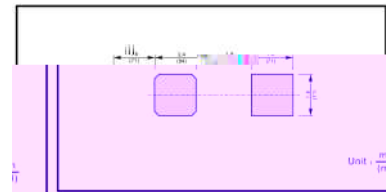


SSD



PIN	DESCRIPTION
1	Cathode
2	Anode

The recommended mounting pad size



SS

See Marking Instructions.

D

560
] 00

Parameter	Symbol	Rating							Unit
		S2A	S2B	S2D	S2G	S2J	S2K	S2M	
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	50	100	200	400	600		1000	V
Maximum RMS voltage	V_{RMS}	35	70	140	280	420		700	V
Maximum DC Blocking Voltage	V_{DC}	50	100	200	400	600		1000	V
Maximum Average Forward Rectified Current	$I_{F AV}$	2.0							A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	I_{FSM}	50							A
Typical Junction Capacitance at $V_R=4V$ $f=1MHz$	C_j	25							pF
Typical Thermal Resistance ¹	R_{JA}	65							/W
Operating and Storage Temperature Range	T_j, T_{stg}	-55~+150							

Note:

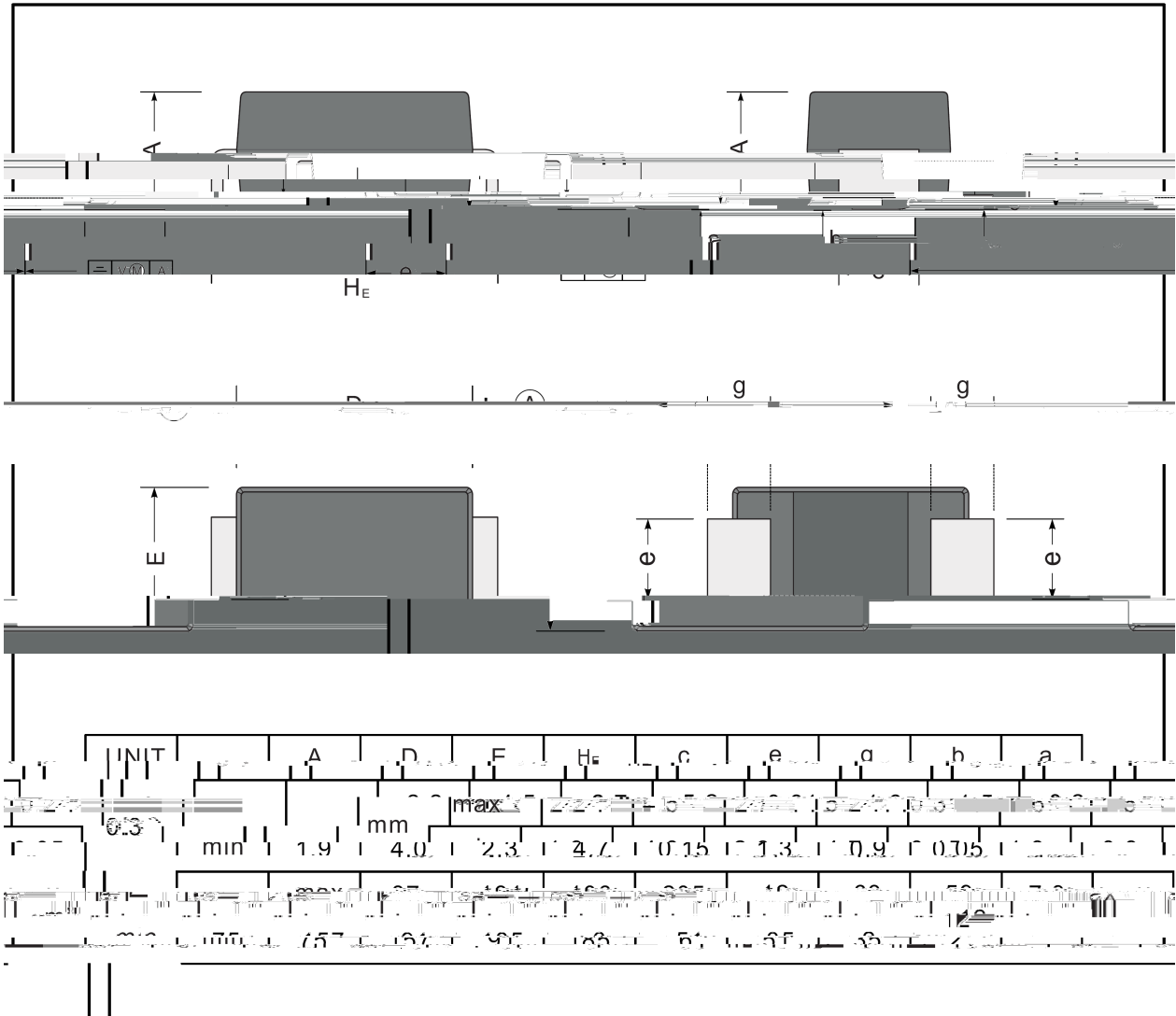
1) P.C.B. mounted withv

i è

i



SMA



S2D S2D

Type number	Marking code
S2A	S2A
S2B	S2B
S2D	S2D
S2G	S2G
S2J	S2J
S2K	S2K
S2M	S2M

D
Feb B Mar.-2021

THE DIED