A	2017-3	ALL			
B	2021-3-15	2 4 6	I_{FSM}70 I_{FSM} 50 b 5 50000 7 70000 340X340X40、350X350X230 336X336X40、380X335X366		

50V~1000V 2.0A SMA

Surface Mount General Purpose Silicon Rectifiers, Reverse Voltage 50 to1000V,Forward Current:2.0A ,SMA package.

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.

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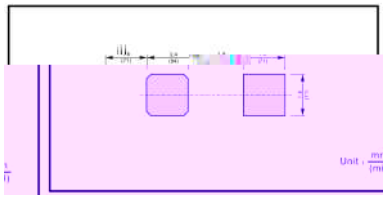
General purpose.



1  2

PIN	DESCRIPTION
1	Cathode
2	Anode

The recommended mounting pad size



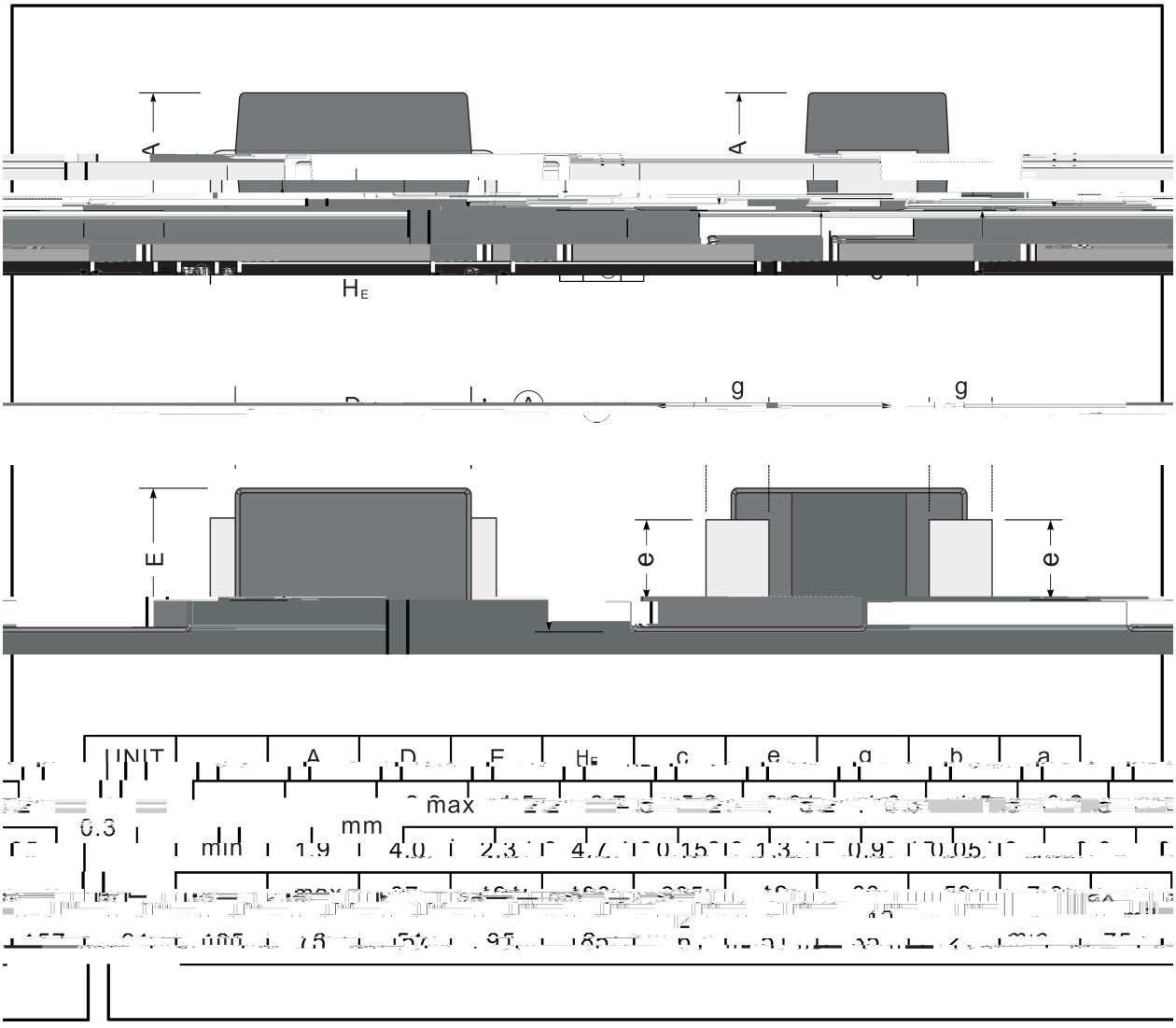
See Marking Instructions.

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]	$R_{\theta JA}$	65							/W
Operating and Storage Temperature Range	T_j,T_{stg}	-55~+150							

Note:

1）

SMA



INIT	A	D	F	H_E	c	e	g	b	a
	max								
0.3	mm								
	min	1.9	4.0	2.3	4.7	0.15	1.3	0.9	0.05

Type number	Marking code