

A	2017-3	ALL			
B	2021-3-15	2 4 6	<div> <div>IFSM70</div> <div>IFSM 50</div> <div>b</div> <div>5</div> <div>50000</div> <div>7 70000</div> <div>340X340X40、350X350X230</div> <div>336X336X40、380X335X366</div> </div>		



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.



General purpose.



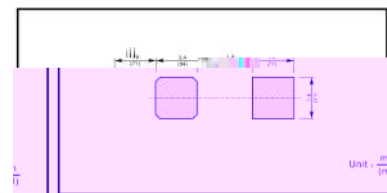
1



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) P.C.B. mounted withv

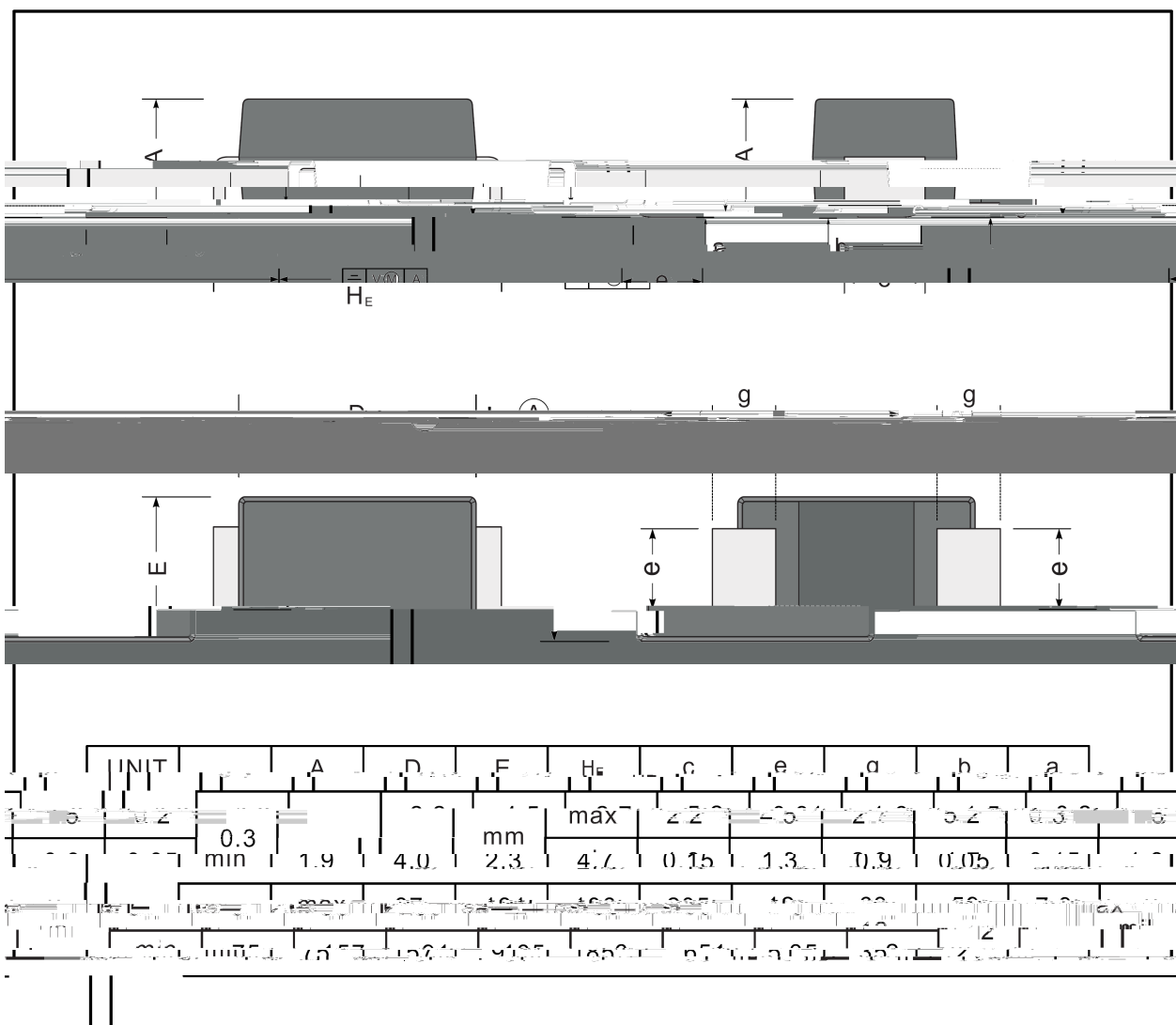
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SMA



SD

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

D
D Rev B Mar.-2021

THED