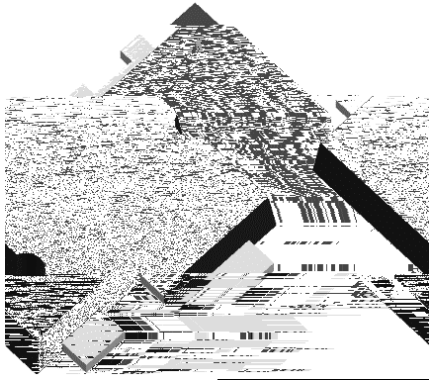




- Ideal for automated placement
- Low power losses
- High forward surge capability

For use in lighting, fast switching rectification of power suppliers, inverters, converters, and freewheeling diodes for consumer, automotive, and telecommunication.



- :TO-277
- Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, Halogen free
- : Tin plated leads, solderable per J-STD-002 and JESD22-B102

(Ta=25 Unless otherwise specified)

Device marking code			SS5U100
Repetitive Peak Reverse Voltage	V_{RRM}	V	100
Average Rectified Output Current @60Hz -sine wave, R- load, Tc=125	I_o	A	5
Forward Surge Current (Non-repetitive) @ 60Hz Half-sine wave,1 cycle, Ta=25	I_{FSM}	A	120
Current Squared Time @1ms≤t≤8.3ms Tj=25	I^2t	A ² s	59
Storage Temperature	T_{stg}		-55 ~+150
Junction Temperature	T_j		-55 ~+150

T

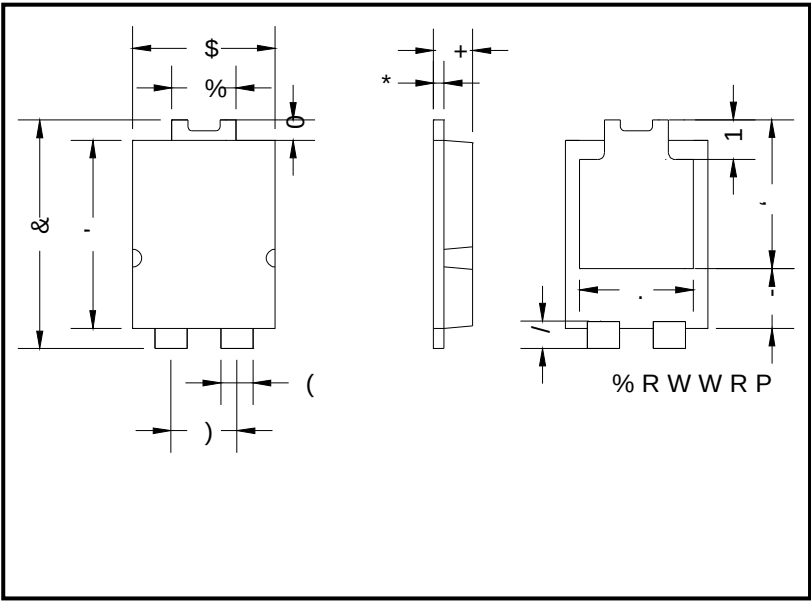
Note1 Pulse test:0ulse w



T_a=25 Unless otherwise specified

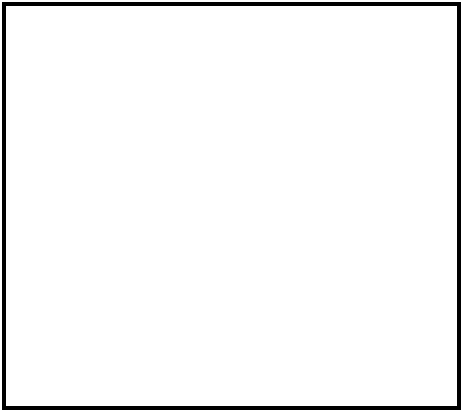
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