



### Typical Applications

General purpose use in high frequency AC/DC bridge full wave rectification for SMPS, lighting ballast, adapter, battery charger, home appliances, office equipment, and telecommunication applications.

: ABS

Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, Halogen free

: Tin plated leads, solderable per J-STD-002 and JESD22-B102

As marked on body

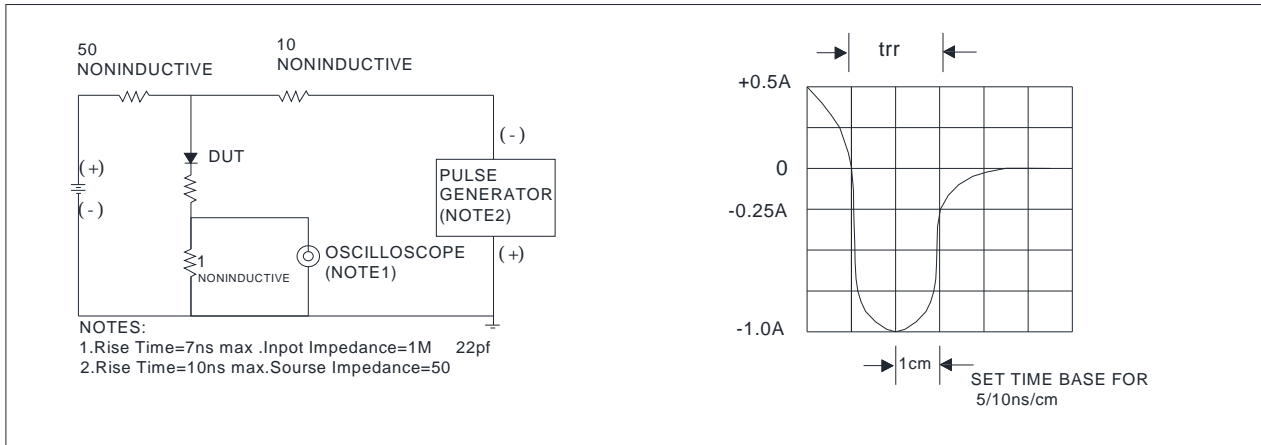
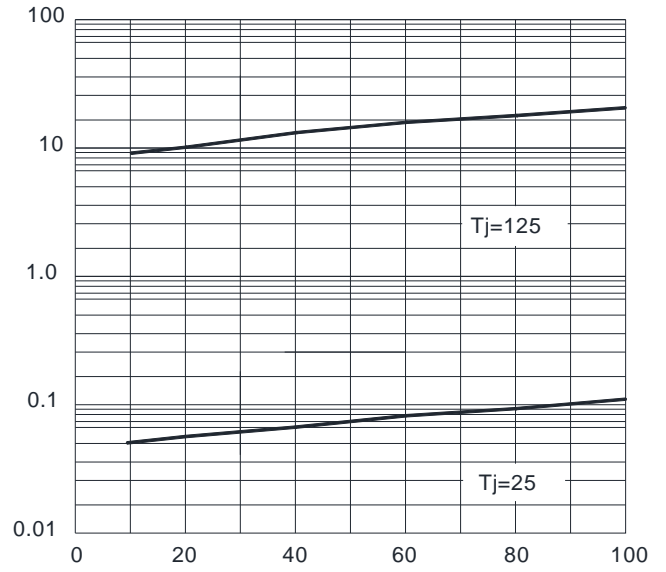
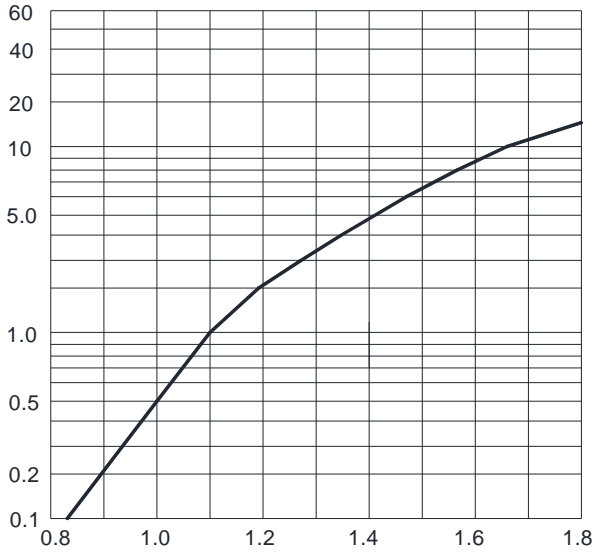
( $T_a=25$  Unless otherwise specified)

Device marking code			RABS210A
Maximum Repetitive Peak Reverse Voltage	$V_{RRM}$	V	1000
Maximum RMS Voltage	$V_{RMS}$	V	700
Maximum DC blocking Voltage	$V_{DC}$	V	1000
Average rectified output current @60Hz sine wave, R-load, $T_c=108$	$I_o$	A	2.0
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, $T_j=25$	$I_{FSM}$	A	60
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, $T_j=25$			120
Current squared time @1ms $t < 8.3ms$ $T_j=25$ Rating of per diode	$I^2t$	$A^2s$	14.9
Storage temperature	$T_{stg}$		-55 ~ +150
Junction temperature	$T_j$		-55 ~ +150



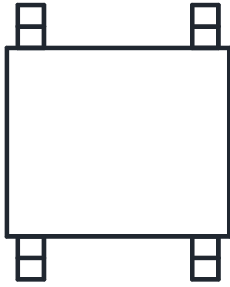
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Ta





ABS



Dimensions in millimeters

Dim	Min	Max
A	4.30	4.50
B	6.00	6.40
C	3.90	4.10
D	4.90	5.10
E	1.25	1.45
F	1.60 Max	
G	0.60	0.70
H	0.15	0.25
I	0.30	0.80
J	0.02	0.15

P1	5.72
P2	4.00
Q1	1.00
Q2	0.90



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