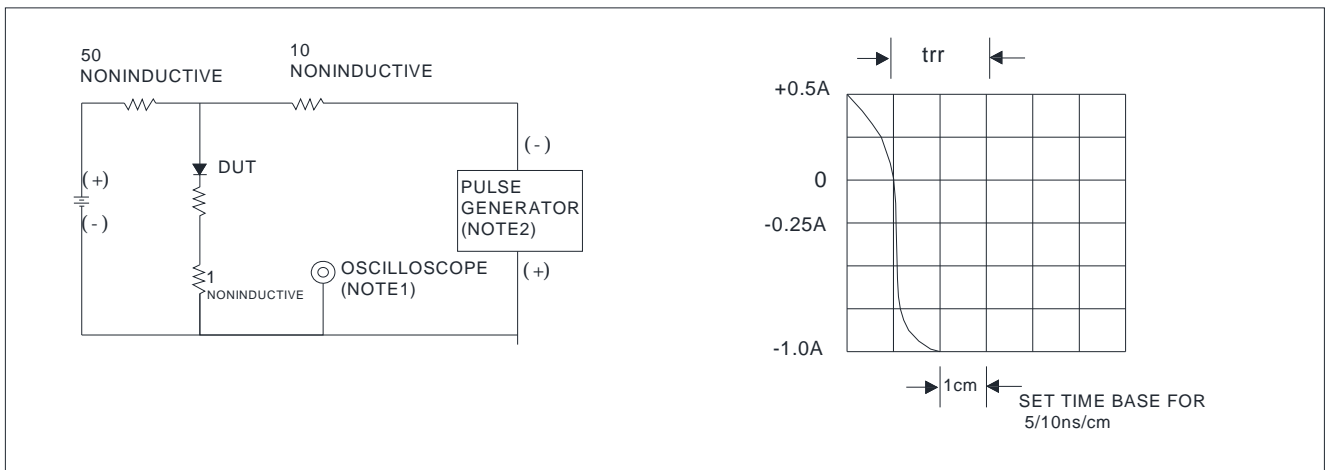
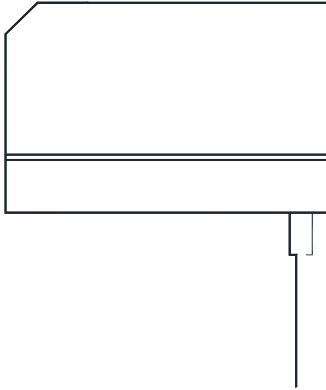


($T_a=25$ Unless otherwise specified)

Device marking code			EGBJ5006	
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	V	600	
Maximum RMS Voltage	V_{RMS}	V	420	
Maximum DC blocking Voltage	V_{DC}	V	600	
Average rectified output current @60Hz sine wave, R-load	With heatsink $T_c=95$	I_o	A	50.0
	Without heatsink $T_a=25$			3.3
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, $T_j=25$	I_{FSM}	A	380	
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, $T_j=25$			760	
Current squared time @1ms t 8.3ms $T_j=25$, Rating of per diode	I^2t	A^2S	599	
Storage temperature	T_{stg}		-55 ~ +150	
Junction temperature	T_j		-55 ~ +150	
Dielectric strength @ Terminals to case, AC 1 minute	V_{dis}	KV	2.5	
Mounting torque @Recommend torque 5kg cm	Tor	kg cm	8	





Dimensions in millimeters

Dim	Min	Max
A	29.7	30.3
B	19.7	20.3
C	17.0	18.0
D	4.8	5.8
E	3.8	4.2
F	7.3	7.7
G	9.8	10.2
H	0.9	1.1
I	2.0	2.4
J	2.3	2.7
K	3.4	3.8
L	4.4	4.8
M	10.8	11.2
N	3.1	3.7
O	3.1	3.4
P	0.6	0.8



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