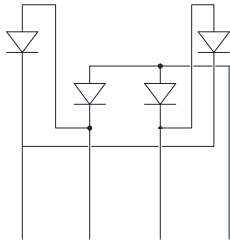


Low VF Bridge Rectifiers

Features

UL recognition 2 A
 rating, RoHS-compliant With heatsink
Terminals: Tin plated leads, solderable per Tc =115 IO A
 @60Hz sine wave, R-load



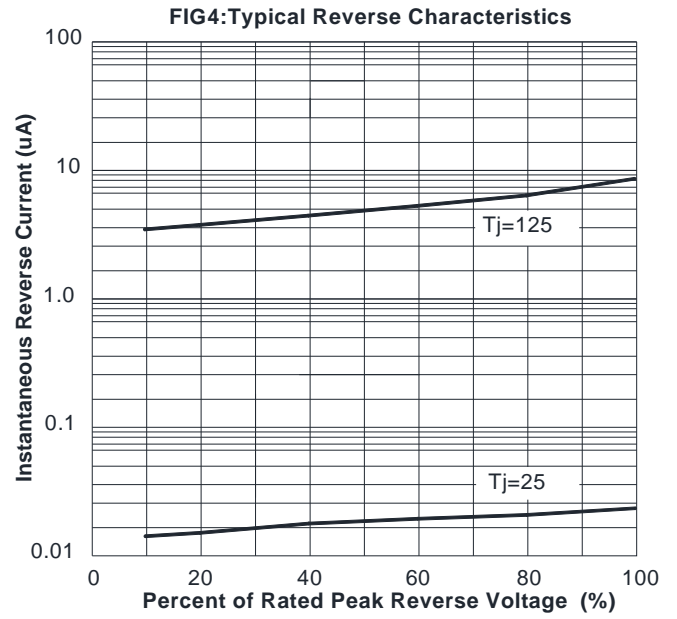
	Without heatsink Ta =25			4.5
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, Tj=25		IFSM	A	360
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25				720
Current squared time @1ms t 8.3ms Tj=25 , Rating of per diode		I ² t	A ² S	538
Storage temperature		T _{stg}		-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



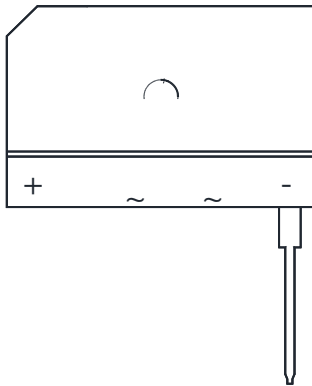
GBJU2506

Electrical Characteristics $T_a=25$ Unless otherwise specified

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	Min	Typ	Max
Instantaneous forward voltage drop per diode	V_F	V	$I_{FM}=12.5A$	0.80	0.875	0.92
DC reverse current at rated DC blocking voltage per diode	I_R	μA	$T_j=25$	-	0.001	5
			$T_j=125$	-	-	50
Junction capacitance	C_j	pF	Measured at 1MHz			



Outline Dimensions



Dimensions in millimeters

6KBJ		
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



Disclaimer

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design