KBPC25005W~KBPC2510W

HIGH CURRENT SINGLE-PHASE SILICON BRIDGE RECTIFIERS

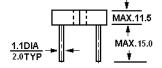
REVERSE VOLTAGE: 50V to 1000V

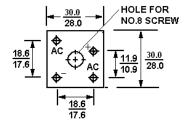
FORWARD CURRENT: 25A

Features

- Surge overload 300 Amperes peak
- Low power loss, high efficiency
- Low reverse leakage current

KBPCW





Dimensions in mm

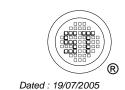
Absolute Maximum Ratings and Characteristics

Rating at 25°C ambient temperature unless otherwise specified. resistive or inductive load 60 Hz,. For capacitive load current by 20%.

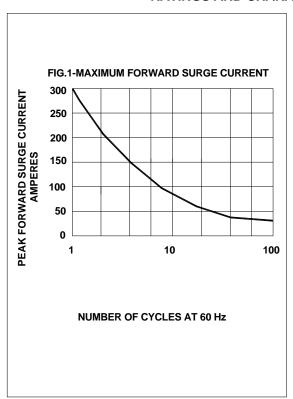
KBPC 5005W	KBPC 2501W	KBPC	KBPC	KBPC	KBPC	KBPC	
		2502W	2504W	2506W	2508W	2510W	Units
50	100	200	400	600	800	1000	V
35	70	140	280	420	560	700	V
50	100	200	400	600	800	1000	V
25						А	
300						А	
1.2						V	
10 1000						uA	
300						pF	
1.9						°C/W	
-55 to +125						°C	
-55 to +150						°C	
			50 100 200	100 200 400 25 300 1.2 10 1000 300 1.9 -55 to +125	100 200 400 600 25 300 1.2 10 1000 300 1.9 -55 to +125	10 100 200 400 600 800 25 300 1.2 10 1000 300 1.9 -55 to +125	10 100 200 400 600 800 1000 25 300 1.2 10 1000 300 1.9 -55 to +125

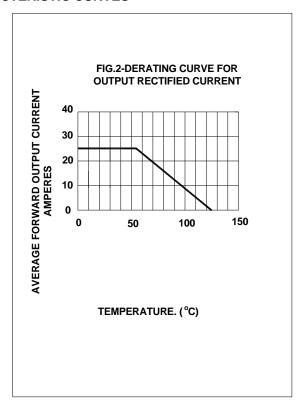
Notes: 1. Measured at 1 MHz and applied reverse voltage of 4.0VDC.

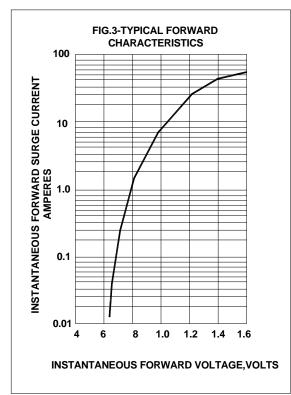
2. Thermal resistance from junction t case per leg.

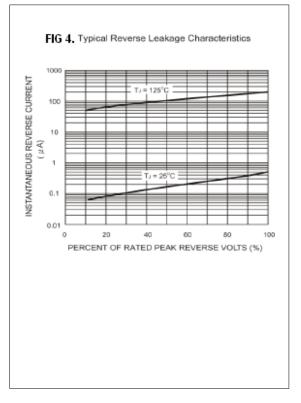


RATINGS AND CHARACTERISTIC CURVES











Dated: 19/07/2005