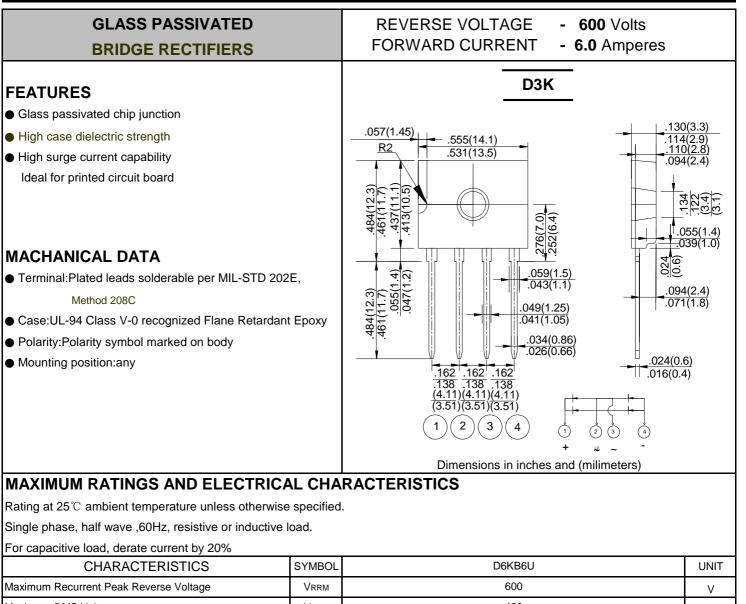
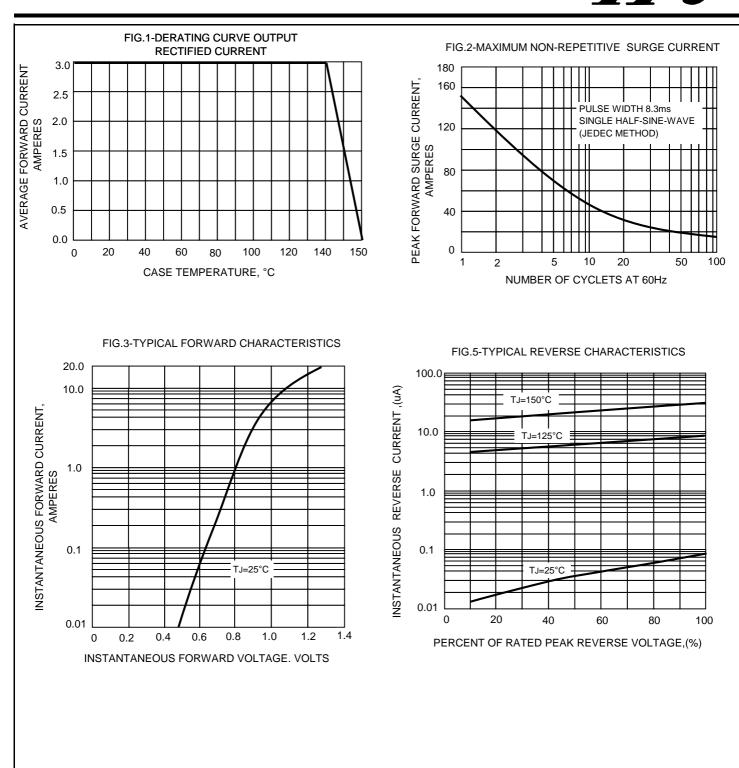


## D6KB6U



CHARACTERISTICS	SYMBOL	D6KB6U	UNIT
Maximum Recurrent Peak Reverse Voltage	Vrrm	600	V
Maximum RMS Voltage	Vrms	420	V
Maximum DC Blocking Voltage	VDC	600	V
Maximum Average Forward Rectified Output Current @ Tc=140℃ (with heatsink)	I(AV)	6	А
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load (JEDEC Method)	IFSM	150	А
Typical Forward Voltage at3.0A DC	Vf	0.89	V
Maximum Forward Voltage at 3.0A DC	Vf	0.9	V
I <sup>2</sup> t Rating for Fusing (t<8.3ms)	l <sup>2</sup> t	93	A <sup>2</sup> s
Maximum Typical Thermal Resistance without heatsink with heatsink without heatsink	Reja Rejc Rejl	55 120 15	°C/W
Maximum DC Reverse Current @ Ta =25℃ at Rated DC Blocking Voltage @ Ta =125℃	IR	10.0 500	μΑ
Operating Temperature Range	TJ	-55 to +150	°C
Storage Temperature Range	Tstg	-55 to +150	°C

## RATING AND CHARACTERTIC CURVES D6KB6U



The cruve graph is for reference only, can't be the basis for judgment(曲线图仅供参考)!

REV. 2, 18-Aug-2015