

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25°C ambient temperature unless otherwise specified.
 Single phase, half wave, 50Hz, resistive or inductive load.
 For capacitive load, derate current by 20%

Type Number		KBU4005	KBU401	KBU402
		KBU6005	KBU601	KBU602
		KBU8005	KBU801	KBU802
		RS601	RS602	RS603
Maximum Repetitive Peak Reverse Voltage	VRRM	50	100	200
Maximum RMS Bridge Voltage	VRMS	35	70	140
Maximum DC Blocking Voltage	VDC	50	100	200
Maximum Average Forward Rectified Current at Tc=100°C TA=50°C	IF(AV)	KBU4 RS4	4.0 4.0	KBU RS
Peak Forward Surge Current, 8.3ms single half sine-wave super imposed on rated load (JEDEC Method)	IFSM		200	
Maximum Instantaneous Forward Voltage Drop Per Leg at 4.0A/6.0A/8.0A	VF		1.1	
Maximum Reverse Leakage at rated DC Blocking Voltage Per Leg TA=25°C Tc=100°C	IR		5 1	
Operating and Storage Temperature Range	TJ,TSTG			

FIG.3 - MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT

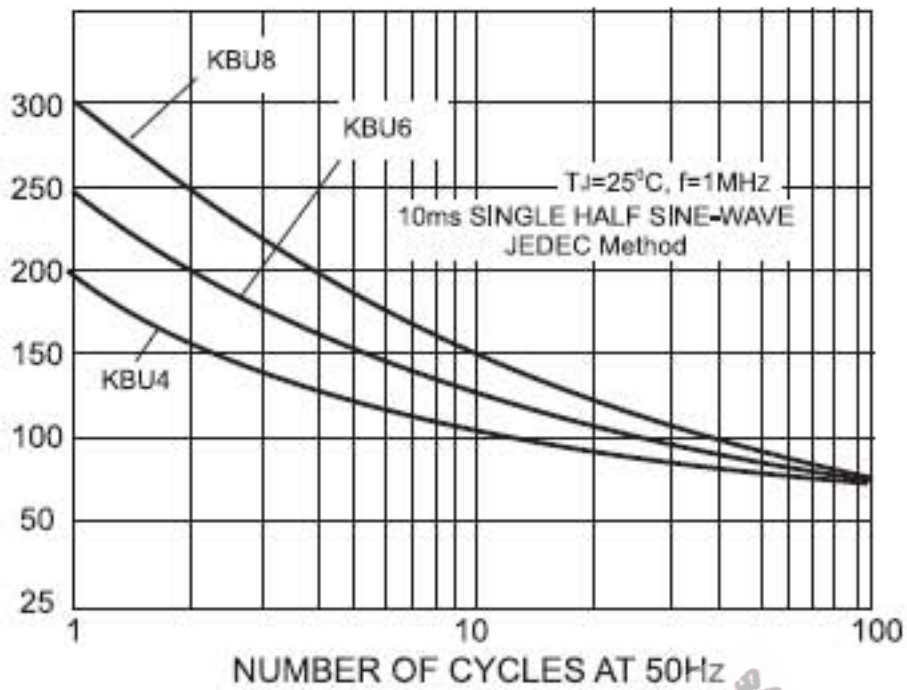


FIG.5 - TYPICAL JUNCTION CAPACITANCE PER ELEMENT

