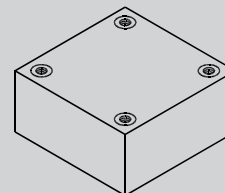


## 2.0 A Forward Current 70 ns Recovery Time

**SPB50UFB**  
**SPB100UFB**  
**SPB150UFB**  
**SPB200UFB**

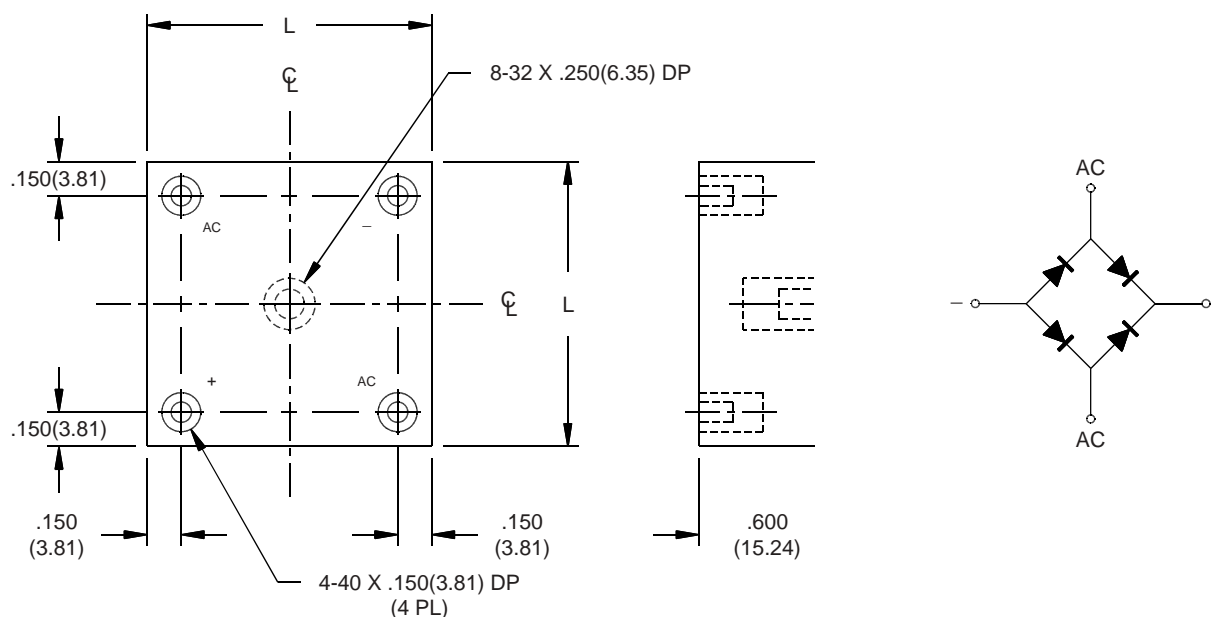


## ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage	Average Rectified Current			Reverse Current @ Vrwm		Forward Voltage		1 Cycle Surge Current tp=8.3ms (Ifsm)	Repetitive Surge Current (Ifrm)	Reverse Recovery Time (1) (Trr)	Case Length (L)
	(Vrwm)	(Io)			(Ir)		(Vf)					
		70°C	55°C	25°C	25°C	100°C	25°C	25°C	25°C	25°C	25°C	
		Oil	Heatsink	No Heatsink								
	Volts	Amps	Amps	Amps	µA	µA	Volts	Amps	Amps	Amps	ns	in.
SPB50UFB	5000	2.0	1.5	0.70	1.0	25	12.0	1.5	50	10	70	1.50
SPB100UFB	10000	2.0	1.5	0.70	1.0	25	18.0	1.5	50	10	70	1.75
SPB150UFB	15000	2.0	1.5	0.70	1.0	25	30.0	1.5	50	10	70	2.25
SPB200UFB	20000	2.0	1.5	0.70	1.0	25	36.0	1.5	50	10	70	2.50

(1)Trr Testing: If=0.5A, Ir=1.0A, Irr=0.25A \*Op. Temp.= -55°C to +150°C Stg. Temp.= -55°C to +150°C

(1)Trr Testing: If=0.5A, Ir=1.0A, Irr=0.25A \*Op. Temp.= -55°C to +150°C Stg. Temp.= -55°C to +150°C



Dimensions: In. (mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.



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# SPB50UFB SPB100UFB SPB150UFB SPB200UFB

