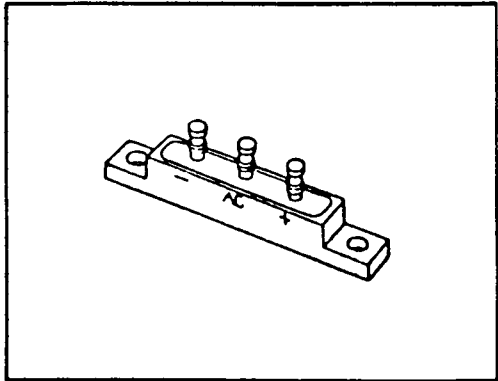


# SDA39UF

## 9 AMP RECTIFIER ASSEMBLY

X00079

- Average Output Current 9 Amps
- PIV 50 to 600 Volts
- Max Thermal Resistance 5.0°C/Watt
- Reverse Recovery Time\*70ns Max
- Glass Passivated Rectifier Cells
- Hermetically Sealed
- Turrent Terminals
- Choice of Three Terminal Configurations



SSDI introduces a new and complete series of Ultra Fast Recovery Doublers and Center Tap Rectifier Circuits. Designed in cast aluminum cases to provide maximum thermal conductivity and simple installation.

Consult your factory representative for engineering assistance.

Type	PIV per leg	Sine Wave RMS input Voltage Max.	Average DC Output Amps TC : (case temp.)		Reverse Recovery Time *T <sub>rr</sub>	Average DC Output Amps TA = Ambient Temp (No heat Sink)		Peak 1 Cycle Forward Surge	Peak Recurrent Forward	VF Max per leg @ ADC 3	Reverse Current (I <sub>R</sub> Max. per leg. @ PIV)	
			50°C	100°C		25°C	55°C				25°C	100°C
	VOLTS	VOLTS	AMPS	AMPS	ns	AMPS	AMPS	AMPS	AMPS	VOLTS	UA	UA
SDA39AUF	50	35	9	6.25	70	2.75	2.5	75	18	1.35	20	500
SDA39BUF	100	70	9	6.25	70	2.75	2.5	75	18	1.35	20	500
SDA39CUF	200	140	9	6.25	70	2.75	2.5	75	18	1.35	20	500
SDA39DUF	300	210	9	6.25	70	2.75	2.5	75	18	1.35	20	500
SDA39EUF	400	280	9	6.25	70	2.75	2.5	75	18	1.35	20	500
SDA39FUF	500	350	9	6.25	70	2.75	2.5	75	18	1.35	20	500
SDA39GUF	600	420	9	6.25	70	2.75	2.5	75	18	1.35	20	500

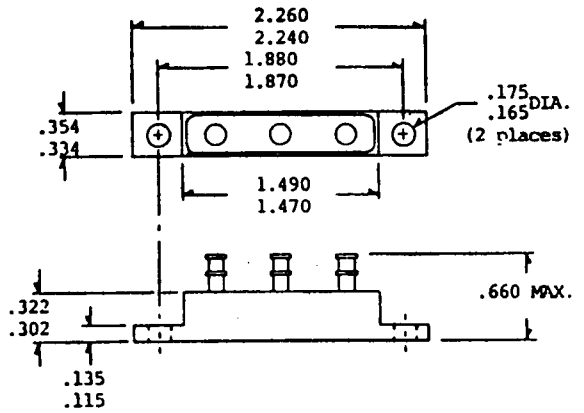
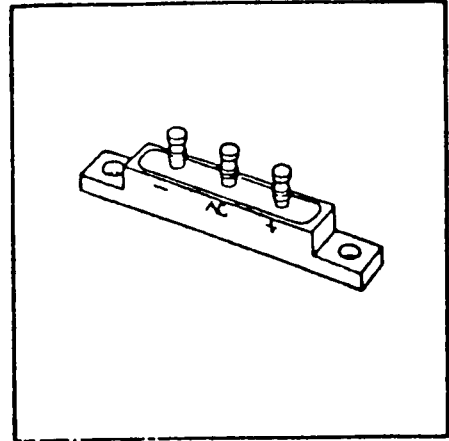
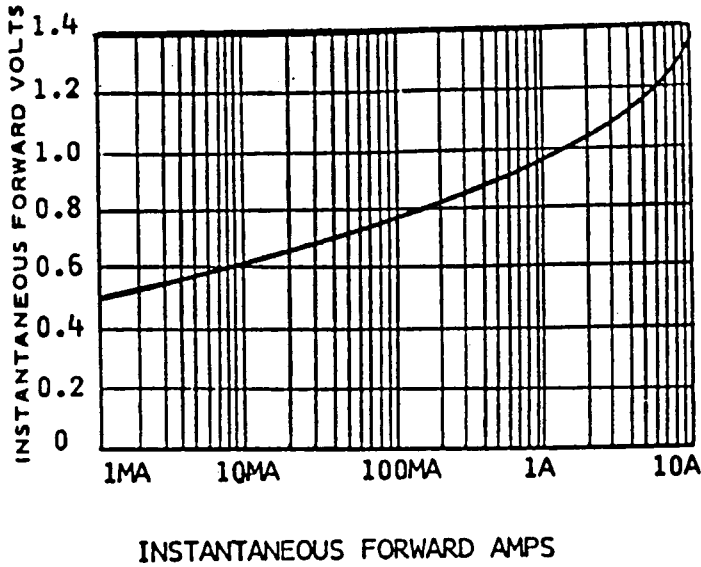
Higher Voltages Are Available. Contact Factory.

NOTE: Specifications Subject to Change Without Notice.  
 \*Recovery Time Conditions; I<sub>F</sub> = .5A, I<sub>R</sub> = 1A, I<sub>rr</sub> = .25A

5/86



### TYPICAL DYNAMIC FORWARD CHARACTERISTICS



### MAXIMUM RATINGS FOR CAPACITY LOADS

