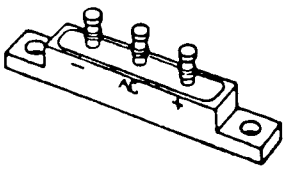
SDA40HF

X00080

9 AMP RECTIFIER ASSEMBLY

- Average Output Current 9 Amps
- PIV 50 to 600 Volts
- Max Thermal Resistance 5.0 °C/Watt
- Reverse Recovery Time*40ns Max
- Glass Passivated Rectifier Cells
- Hermetically Sealed
- Turrent Terminals
- Choice of Three Terminal Configurations



SSDI introduces a new and complete series of Hyper 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_{rr}	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_R Max. per leg. @ PIV)	
			50°C	100°C	Max	25°C	55°C				25°C	100°C
	VOLTS	VOLTS	AMPS	AMPS	ns	AMPS	AMPS	AMPS	AMPS	VOLTS	UA	UA
SDA40AHF	50	35	9	6.25	40	2.75	2.5	75	18	1.35	10	1000
SDA40BHF	100	70	9	6.25	40	2.75	2.5	75	18	1.35	10	1000
SDA40CHF	200	140	9	6.25	40	2.75	2.5	75	18	1.35	10	1000
SDA40DHF	300	210	9	6.25	40	2.75	2.5	75	18	1.35	10	1000
SDA40EHF	400	280	9	6.25	40	2.75	2.5	75	18	1.35	10	1000
SDA40FHF	500	350	9	6.25	40	2.75	2.5	75	18	1.35	10	1000
SDA40GHF	600	420	9	6.25	40	2.75	2.5	75	18	1.35	10	1000

Higher Voltages Are Available. Contact Factory.

NOTE: Specifications Subject to Change Without Notice.

*Recovery Time Conditions; I_F = .5A, I_R = 1A, I_{rr} = .25A

7/86

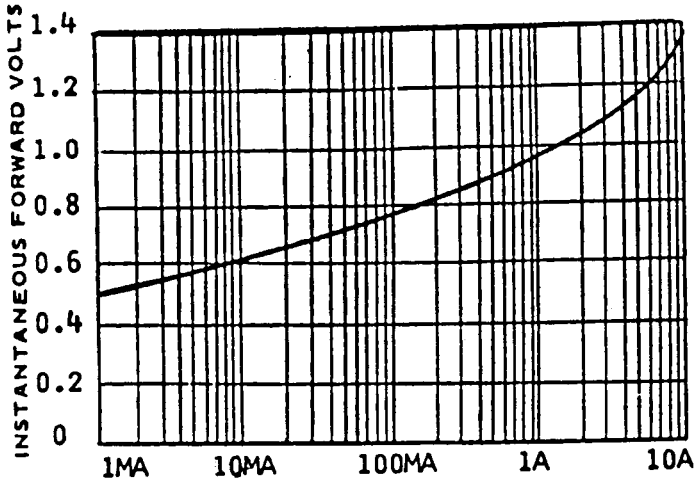
SSDI SOLID STATE DEVICES, INC.

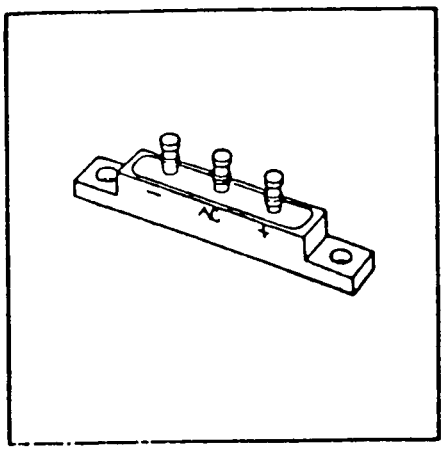
P.O. Box 577, La Mirada, California 90637

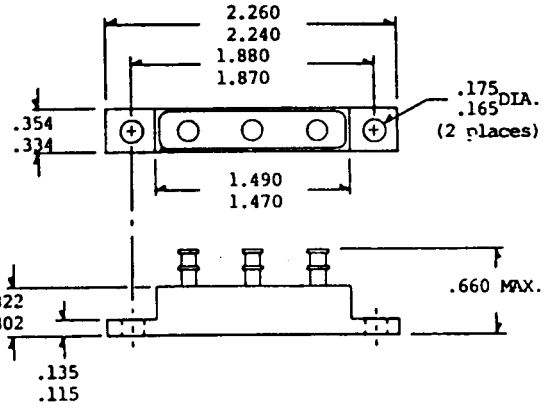
Telephone: (213) 921-9660 • TWX 910-583-4807 • FAX#213-921-2396

application notes

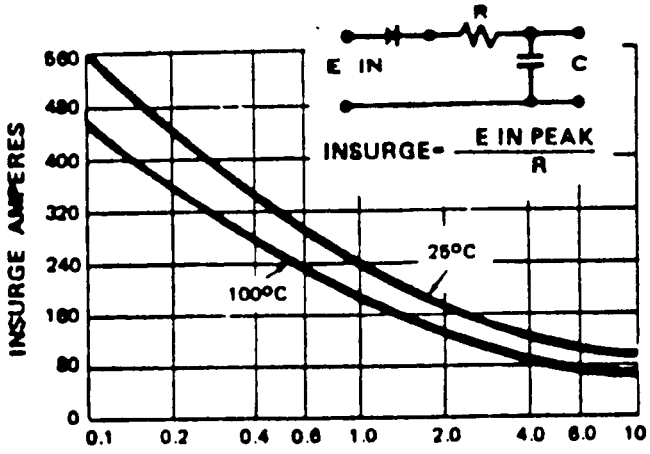
TYPICAL DYNAMIC FORWARD CHARACTERISTICS



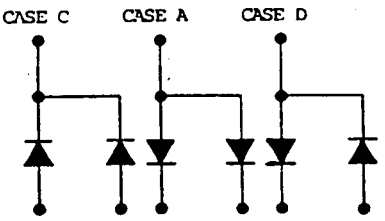




MAXIMUM RATINGS FOR CAPACITY LOADS



TERMINAL CONFIGURATION



SOLID STATE DEVICES, INC.