

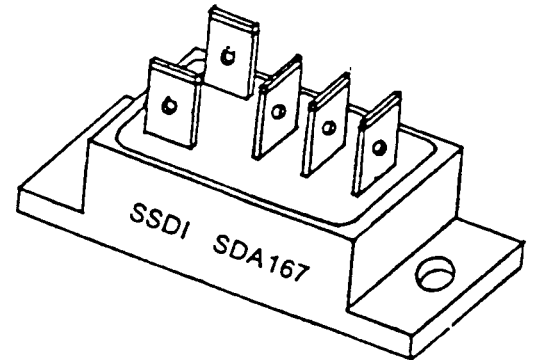
# 25 amp

# bridge rectifier assembly

# SSDI

X00106

- Average output 25 Amps
- PIV 50 to 1000 Volts
- Maximum thermal resistance 1.5°C/Watt
- Universal Three-Way terminals
- All machined aluminum case
- Glass passivated diode cells
- Case electrically insulated



SSDI introduces a new and complete line of Three-Phase, Bridge Rectifier Assemblies, designed in machined aluminum cases to provide maximum thermal conductivity and simple installation. A unique 3-way terminal provides the designer a choice of using faston terminal, wire wrap or soldering hole. This series features SSDI's exclusive glass passivated rectifier cells for high reliability and mechanical strength. Fast recovery bridges are available on special order. Consult your factory representative for engineering assistance.

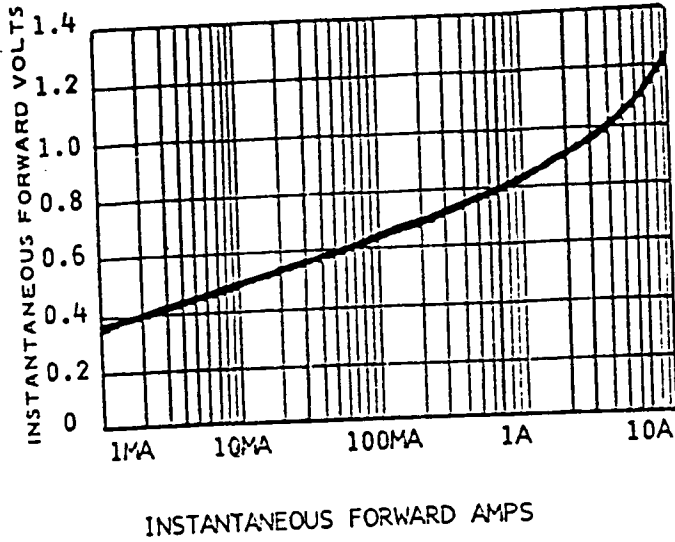
Type	PIV per leg	Sine Wave RMS input Voltage Max.	Average DC Output Amps TC = (case temp.)			Average DC Output Amps TA = Ambient Temp. (No heat Sink)			Peak 1 Cycle Forward Surge	Peak Recurrent Forward	VF Max. per leg = 3ADC	Reverse Current (IR Max. per leg. @ PIV)	
			55°C	100°C	125°C	25°C	55°C	100°C				25°C	100°C
	VOLTS	VOLTS	AMPS	AMPS	AMPS	AMPS	AMPS	AMPS	AMPS	AMPS	VOLTS	UA	UA
SDA167A	50	35	25	18.5	12.5	6	5	3	200	75	1	5	100
SDA167B	100	70	25	18.5	12.5	6	5	3	200	75	1	5	100
SDA167C	200	140	25	18.5	12.5	6	5	3	200	75	1	5	100
SDA167D	400	280	25	18.5	12.5	6	5	3	200	75	1	5	100
SDA167E	600	420	25	18.5	12.5	6	5	3	200	75	1	5	100
SDA167F	800	560	25	18.5	12.5	6	5	3	200	75	1	5	100
SDA167G	1000	700	25	18.5	12.5	6	5	3	200	75	1	5	100

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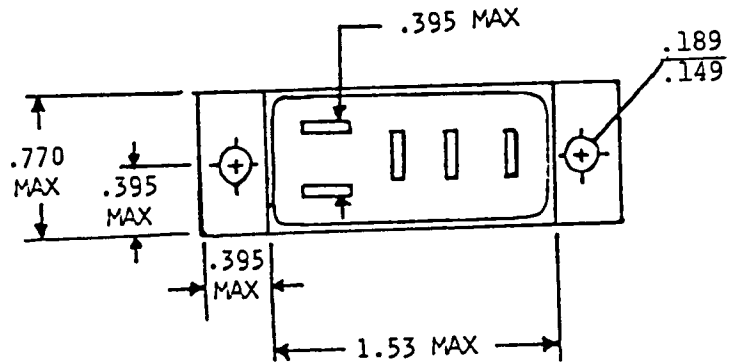
SOLID STATE DEVICES, INC.



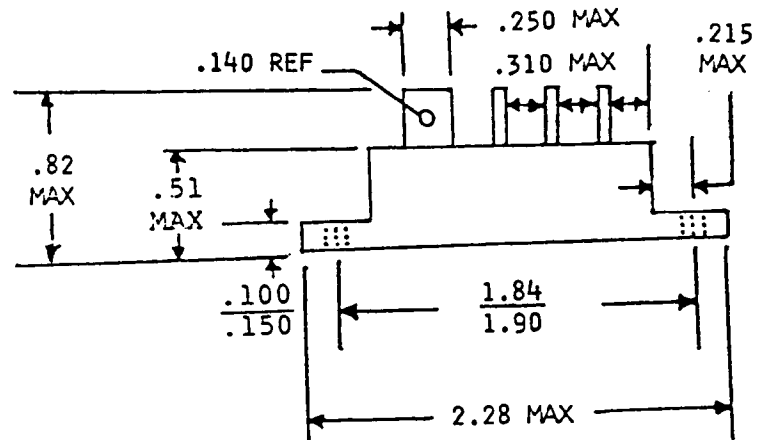
TYPICAL DYNAMIC FORWARD CHARACTERISTICS  
AT VARIOUS JUNCTION TEMPERATURES PER LEG



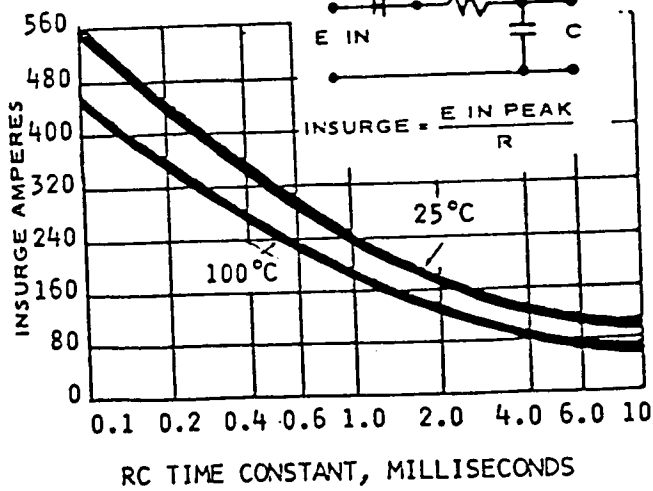
TOP VIEW



SIDE VIEW



MAXIMUM RATINGS FOR CAPACITY LOADS



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