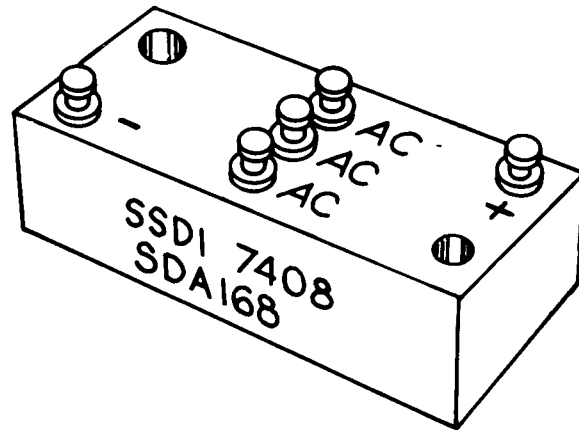


X00172

SSDI Bridge Rectifier Assembly

**THREE PHASE
HIGH VOLTAGE
3 AMPS
SDA 168 SERIES**



- Average Output Current 3 Amps
- PIV 1000 to 5000 Volts
- All Welded Interconnects
- Hermetically Sealed Diode Cells
- Small Size
- Insulated Electrical Connections

SSDI introduces a new and complete line of three phase high voltage Bridge Rectifier Assemblies. Designed in thermal conductive epoxy encapsulated cases to provide maximum thermal conductivity and simple installation. The unit may be mounted in any position with the use of the mounting holes that are provided in the case. This series features SSDI's exclusive glass passivated rectifier cells and welded interconnects for high reliability and mechanical strength. Fast recovery and hi-rel versions are available on special order.

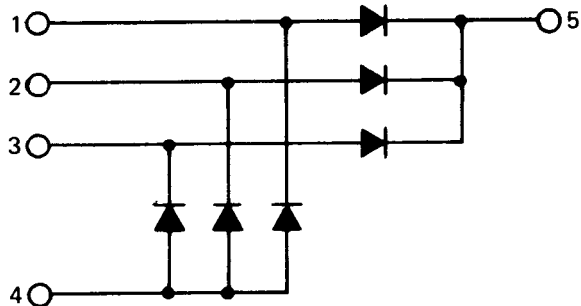
Type	PIV per leg	Sine Wave RMS input Voltage Max	Average DC Output Amps TC = (case temp.)			Average DC Output Amps TA = Ambient Temp. (No heat Sink)			Peak 1 Cycle Forward surge	Peak Recurrent Forward	V _F Max. per leg @ 3 ADC	Reverse Current (I _R Max. per leg. @ PIV)	
			55°C	100°C	125°C	25°C	55°C	100°C				25°C	100°C
	VOLTS	VOLTS	AMPS	AMPS	AMPS	AMPS	AMPS	AMPS	AMPS	AMPS	VOLTS	UA	UA
SDA168H	1000	707	5	3.5	2	3	2	1.5	150	75	1.1	5	50
SDA168I	1500	1060	5	3.5	2	3	2	1.5	150	75	2.2	5	50
SDA168J	2000	1414	5	3.5	2	3	2	1.5	150	75	2.2	5	50
SDA168K	2500	1767	5	3.5	2	3	2	1.5	150	75	3.3	5	50
SDA168L	3000	2121	5	3.5	2	3	2	1.5	150	75	3.3	5	50
* SDA168M	4000	2828	5	3.5	2	3	2	1.5	150	75	4.4	5	50
* SDA168N	5000	3535	5	3.5	2	3	2	1.5	150	75	5.5	5	50

* Please consult factory for further details on these items.

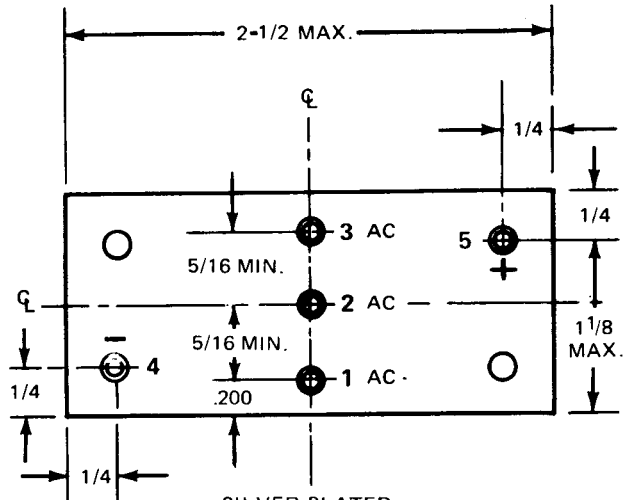
SSDI SOLID STATE DEVICES, INC.

14830 Valley View Avenue • La Mirada, California 90638

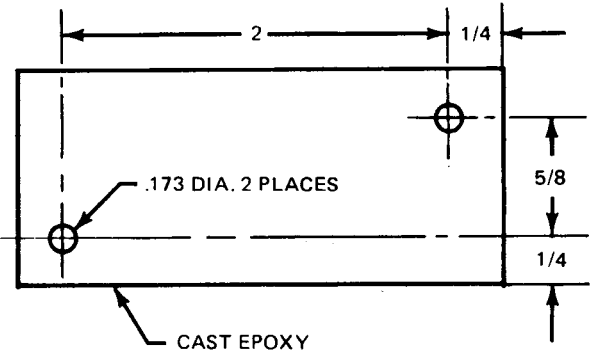
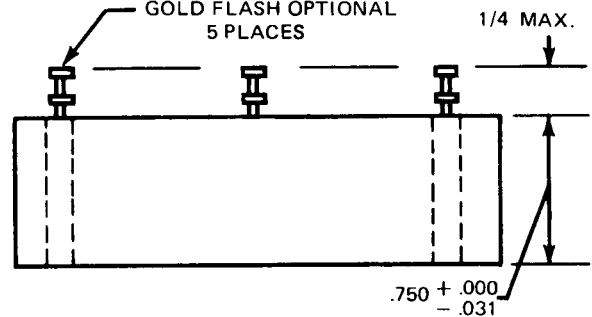
Telephone:
(213) 921-9660 • TWX: 910-583-4807



SCHMATIC DIAGRAM

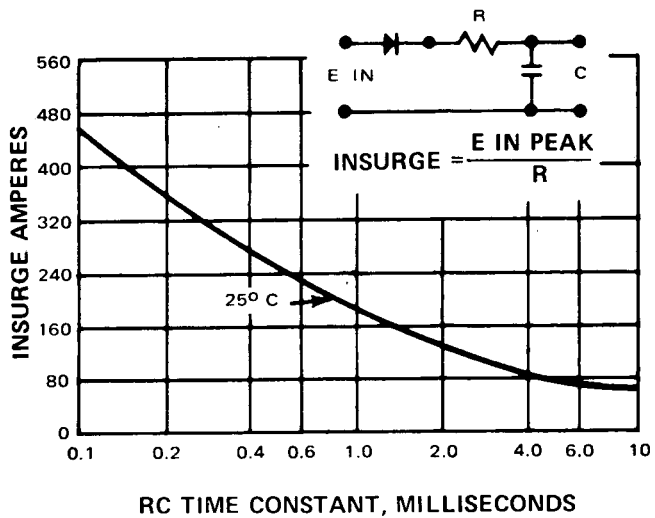


SILVER PLATED
BRASS TERMINAL
GOLD FLASH OPTIONAL
5 PLACES



TOLERANCE $xx \pm .03$
 $xxx \pm .020$
FRACTIONAL = NOMINAL DIMENSION

MAXIMUM RATINGS FOR CAPACITY LOADS



Form 308