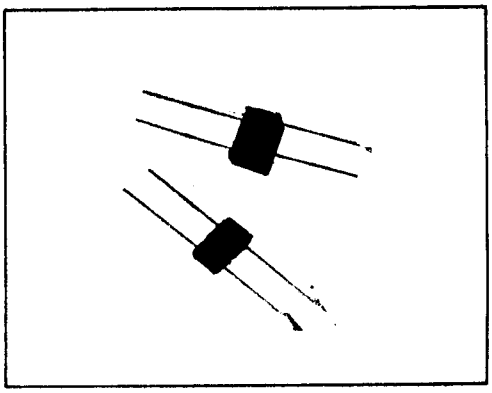
SDA 276-F

X00175

1 amp fast recovery bridge rectifiers

* Average Output Current 1 Amp
* PIV 50 to 1000 Volts
* Fast Recovery, 150 nsec. Max.
* Operating and Storage Temperature -55°C to +150°C
* Subminiature design for packaging versatility.



SSDI introduces a new and complete series of Fast Recovery, Single Phase Bridge Rectifier Assemblies. These units are designed in special packages to provide maximum thermal conductivity and simple installation.

Semtech Equivalent: SBR05F through SBR10F
Unitrode Euivalent: 676-1 through 676-6
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}	Peak 1 Cycle Forward Surge	VF Max per leg @ ADC 1A	Reverse Current (I_R Max. per leg. @ PIV)	
			55°C	100°C	Max	25°C	25°C	25°C	100°C
	VOLTS	VOLTS	AMPS	AMPS	ns	AMPS	VOLTS	UA	UA
SDA276AF	50	35	1.0	.65	150	6	1.3	2	40
SDA276BF	100	70	1.0	.65	150	6	1.3	2	40
SDA276CF	200	140	1.0	.65	150	6	1.3	2	40
SDA276DF	400	280	1.0	.65	150	6	1.3	2	40
SDA276EF	600	420	1.0	.65	150	6	1.3	2	40
SDA276FF	800	560	1.0	.65	150	6	1.3	2	40
SDA276GF	1000	700	1.0	.65	150	6	1.3	2	40

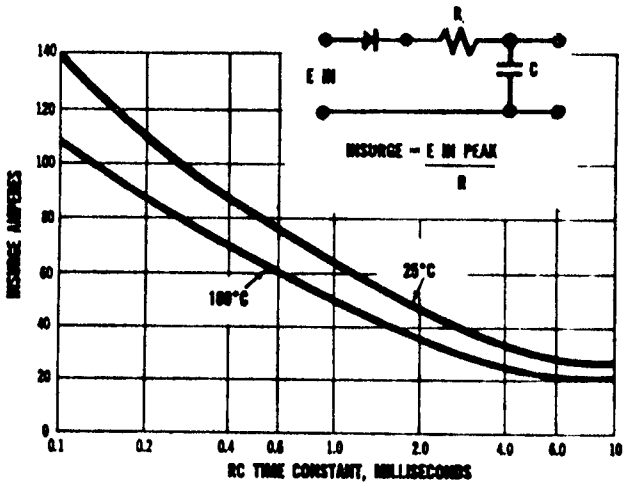
*trr conditions: .05 Amp forward to 1.0 Amp reverse, Recover .25 Amps

SSDI reserves the right to change specifications without notice.

SSDI SOLID STATE DEVICES, INC.

P. O. Box 577, La Mirada, California, 90637-0577 TWX 910-583-4807
14830 Valley View, La Mirada, California, 90638 (213) 921-9660

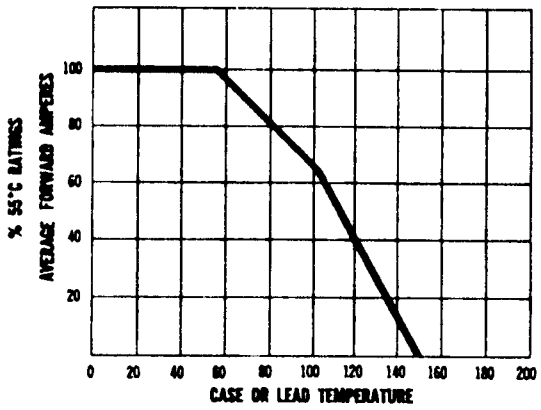
MAXIMUM RATINGS FOR CAPACITY LOADS

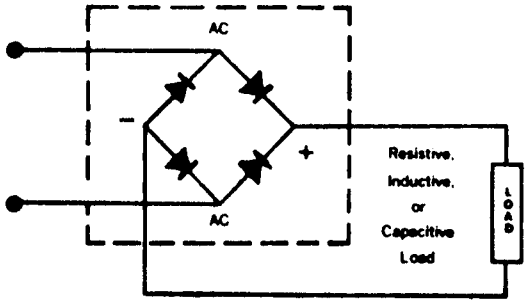


FOR FAST RECOVERY BRIDGES + 2

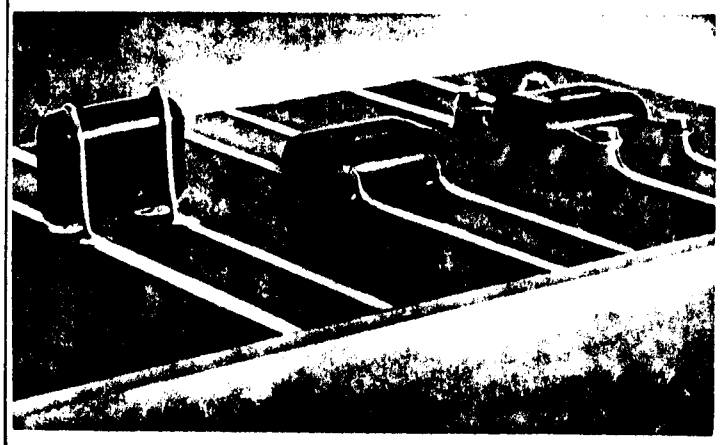
ALL BRIDGES

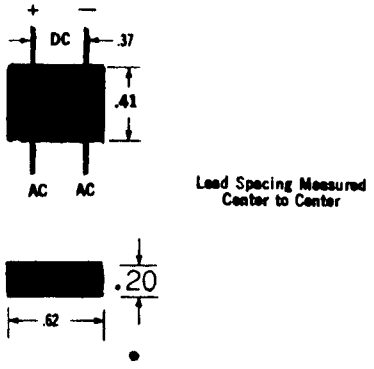
TEMPERATURE DERATING CURVE





Typical Bridge Circuit





Lead Spacing Measured Center to Center

Tolerance ±.030