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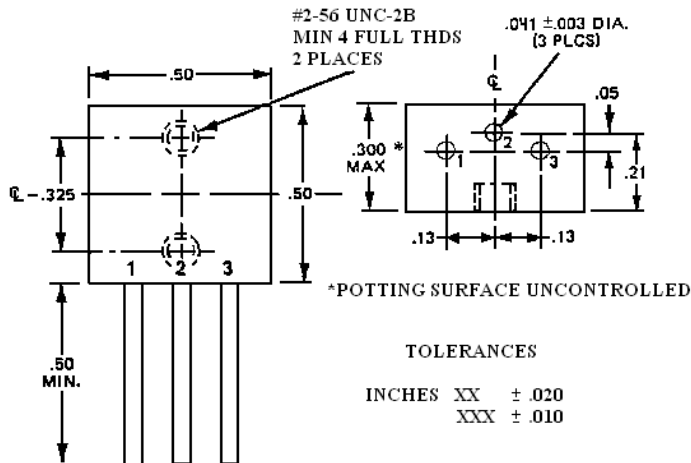
**PC Mountable Center Tap and Doubler Assemblies**  
 General Purpose, Fast Recovery, Super Fast Recovery  
 S429, S430, S431, S432 Series

**ELECTRICAL CHARACTERISTICS** (at T<sub>C</sub> unless otherwise specified)

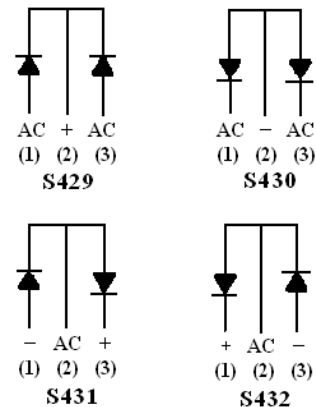
Part Number *	PIV Per Leg	Average Output Current			Peak 1 Cycle Forward Surge	Peak Recurring Forward	Max Forward Voltage Per Leg		I <sub>R</sub> Max Per Leg @ PIV		Max Recovery Time **
		55°C	100°C	125°C			25°C	25°C	25°C	25°C	
	Volts	Amps	Amps	Amps	Amps	Amps	Volts	Amps	μA	μA	nSec
S429DH	200	10	6.0	4.0	100	50	1.3	9.0	5.0	100	5000
S429FH	400	10	6.0	4.0	100	50	1.3	9.0	5.0	100	5000
S429GH	600	10	6.0	4.0	100	50	1.3	9.0	5.0	100	5000
S429HH	800	10	6.0	4.0	100	50	1.4	9.0	5.0	100	5000
S429IH	1000	10	6.0	4.0	100	50	1.4	9.0	5.0	100	5000
S429AE	50	9.0	5.4	3.0	100	50	1.6	9.0	5.0	100	150
S429BE	100	9.0	5.4	3.0	100	50	1.6	9.0	5.0	100	150
S429DE	200	9.0	5.4	3.0	100	50	1.6	9.0	5.0	100	150
S429FE	400	9.0	5.4	3.0	100	50	1.6	9.0	5.0	100	150
S429GE	600	9.0	5.4	3.0	100	50	1.6	9.0	5.0	100	150
S429HE	800	9.0	5.4	3.0	100	50	1.6	9.0	5.0	100	175
S429IE	1000	9.0	5.4	3.0	100	50	1.6	9.0	5.0	100	175
S429DC	200	8.0	4.8	3.4	100	50	1.75	9.0	5.0	100	70
S429FC	400	8.0	4.8	3.4	100	50	1.75	9.0	5.0	100	70
S429GC	600	8.0	4.8	3.4	100	50	1.75	9.0	5.0	100	70
S429AA	50	12	7.2	4.0	100	50	1.0	6.0	10	100	30
S429BA	100	12	7.2	4.0	100	50	1.0	6.0	10	100	30
S429CA	150	12	7.2	4.0	100	50	1.0	6.0	10	100	30

\* For alternate electrical configuration, change suffix with proper number. (see schematics)

\*\* I<sub>F</sub>= 0.5A, I<sub>R</sub>=1.0A, I<sub>rec</sub>=0.25A, measured on discretes prior to assembly, T<sub>A</sub>= 25°C



**SCHEMATICS**



**THERMAL CHARACTERISTICS**

Thermal Impedance (Typical) θ <sub>JC</sub> .....	7°C/W
Operating and Storage Temperature.....	-55°C to +150°C

Specifications subject to change without notice to ensure a better product  
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