

PC MOUNTABLE CENTER TAP AND DOUBLER ASSEMBLIES

GENERAL PURPOSE, FAST RECOVERY, SUPER FAST RECOVERY T-23-27

MAXIMUM RATINGS

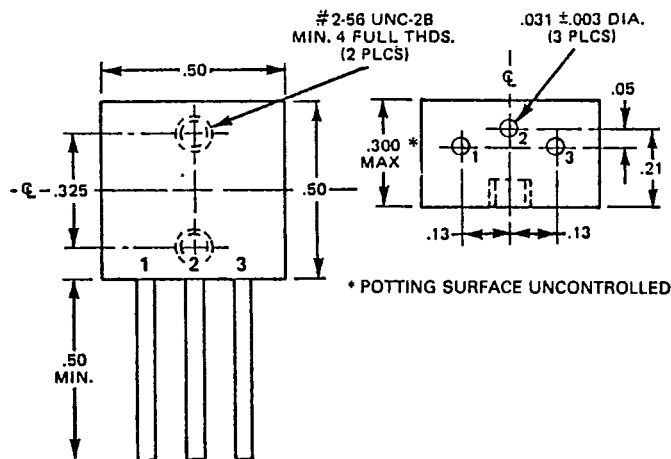
| TYPE NUMBER | PIV PER LEG | AVERAGE OUTPUT CURRENT $T_C = \text{CASE TEMPERATURE}$ | | | PEAK 1 CYCLE FWD SURGE | PEAK RE-CURR FWD | MAX FWD VOLTAGE PER LEG | | I _R MAX PER LEG @ PIV | | MAX REC TIME nSEC |
|--|----------------------------------|---|---------------------------------|---------------------------------|----------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|----------------------------|--------------------------------------|
| | | 55°C | 100°C | 125°C | | | 25°C | 25°C | 25°C | 25°C | |
| | | VOLTS | AMPS | AMPS | AMPS | AMPS | AMPS | VOLTS | AMPS | uA | |
| S425DH S425FH S425GH S425HH S425IH | 200 400 600 800 1000 | 5.0 5.0 5.0 5.0 5.0 | 3.0 3.0 3.0 3.0 3.0 | 1.6 1.6 1.6 1.6 1.6 | 50 50 50 50 50 | 15 15 15 15 15 | 1.4 1.4 1.4 1.4 1.4 | 3.0 3.0 3.0 3.0 3.0 | 2.0 2.0 2.0 2.0 2.0 | 50 50 50 50 50 | 5000 5000 5000 5000 5000 |
| S425DE S425FE S425GE S425HE S425IE | 200 400 600 800 1000 | 4.0 4.0 4.0 4.0 4.0 | 2.5 2.5 2.5 2.5 2.5 | 1.3 1.3 1.3 1.3 1.3 | 25 25 25 25 25 | 9.0 9.0 9.0 9.0 9.0 | 1.7 1.7 1.7 1.7 1.7 | 3.0 3.0 3.0 3.0 3.0 | 2.0 2.0 2.0 2.0 2.0 | 50 50 50 50 50 | 150 150 150 300 300 |
| S425GC S425HC S425IC | 600 800 1000 | 2.5 2.5 2.5 | 1.5 1.5 1.5 | 0.8 0.8 0.8 | 20 20 20 | 10 10 10 | 1.8 1.8 1.8 | .75 .75 .75 | 5.0 5.0 5.0 | 50 50 50 | 60 60 60 |
| S425AA S425BA S425CA S425DA | 50 100 150 200 | 6.0 6.0 6.0 6.0 | 3.6 3.6 3.6 3.6 | 1.8 1.8 1.8 1.8 | 60 60 60 60 | 17.5 17.5 17.5 17.5 | 1.2 1.2 1.2 1.2 | 3.0 3.0 3.0 3.0 | 5.0 5.0 5.0 5.0 | 100 100 100 100 | 30 30 30 30 |

1 Recovery Conditions: $I_F = 0.5A$, $I_R = 1.0A$ trr measured when rectifier recovers to 0.25 Amps
 Trr measured on discrete rectifiers prior to assembly
 Operating and Storage Temperature $-55^\circ C$ to $+150^\circ C$
 Thermal Impedance, θ_{JC} on all center tap and doubler assemblies = $12^\circ C/W$
 For alternate electrical configuration, replace 425 in part number with proper figure number (see schematics)

TOLERANCES INCHES XX $\pm .020$
 XXX $\pm .010$

METRIC XX $\pm (.508)$
 XXX $\pm (.254)$

(EXCEPT AS NOTED)



SCHEMATICS

