

TECHNICAL DATA
DATA SHEET 4003, REV. A

CENTER TAP/DOUBLER ASSEMBLY (RECTIFIER)

DESCRIPTION: 1000 VOLT, 6 AMP, 5 usec CENTER TAP RECTIFIER in a DOUBLER configuration.

MAX RATINGS/ELECTRICAL CHARACTERISTICS ALL RATINGS ARE AT $T_C = 25\text{ C}$ UNLESS OTHERWISE SPECIFIED

| RATING | SYMBOL | MAX. | UNITS |
|--|-----------------|--------------|--------------------|
| PEAK INVERSE VOLTAGE (PER LEG) | PIV | 1000 | Volts |
| MAXIMUM FORWARD VOLTAGE DROP (PER LEG) ($I_f = 9.0\text{ AMPS}$) | V_f | 1.40 | Volts |
| MAXIMUM DC OUTPUT CURRENT ($T_C = 100\text{ }^\circ\text{C}$) (PER LEG) | I_O | 6 | Amps |
| PEAK SINGLE CYCLE SURGE CURRENT $t_p = 8.3$ msec. (PER LEG) | I_{FSM} | 100 | Amps |
| MAXIMUM REVERSE RECOVERY TIME ($I_f = 0.5\text{A}$, $I_r = 1.0\text{A}$, $t_{rr} = 0.25\text{A}$) | t_{rr} | 5 | usec |
| MAXIMUM REVERSE CURRENT I_r @ PIV (PER LEG) | I_r | 5.0 | mA |
| MAXIMUM THERMAL RESISTANCE (PER LEG) | $R_{\theta JC}$ | 4.0 | $^\circ\text{C/W}$ |
| MAXIMUM OPERATING AND STORAGE TEMPERATURE | $T_{J, stg}$ | -55 to + 150 | $^\circ\text{C}$ |

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MECHANICAL DIMENSIONS: In Inches / mm

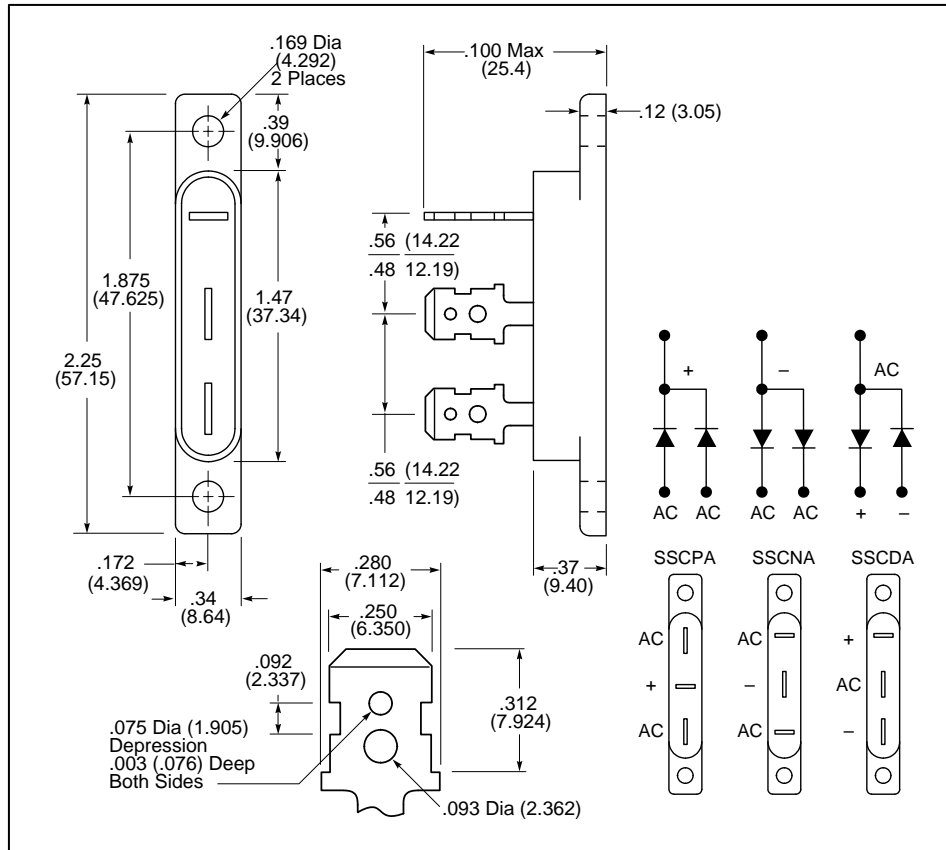


Fig. 407

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