

TCHNICAL DATA DATA SHEET 4003, REV. -

## **CENTER TAP/DOUBLER ASSEMBLY**

(RECTIFIER)

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

 $\textbf{MAX RATINGS/ELECTRICAL CHARACTRISTICS} \text{ all ratings are at } \textbf{T}_{\text{C}} = 25 \text{ C unless otherwise specified}$ 

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 <sub>C</sub> = 100 °C) (PER LEG)	Ιο	6	Amps
PEAK SINGLE CYCLE SURGE CURRENT t <sub>p</sub> = 8.3 msec. (PER LEG)	I <sub>FSM</sub>	100	Amps
MAXIMUM REVERSE RECOVERY TIME $(I_f = 0.5A, I_r = 1.0A, t_{rr} = 0.25A)$	t <sub>rr</sub>	5	usec
MAXIMUM REVERSE CURRENT I <sub>r</sub> @ PIV (PER LEG)	l <sub>r</sub>	5.0	mA
MAXIMUM THERMAL RESISTANCE (PER LEG)	$R_{ hetaJC}$	4.0	°C/W
MAXIMUM OPERATING AND STORAGE TEMPERATURE	T <sub>J, stg</sub>	-55 to + 150	°C

<sup>•</sup> World Wide Web Site - http://www.sensitron.com • E-Mail Address - sales@sensitron.com •

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## **MECHANICAL DIMENSIONS: In Inches / mm**

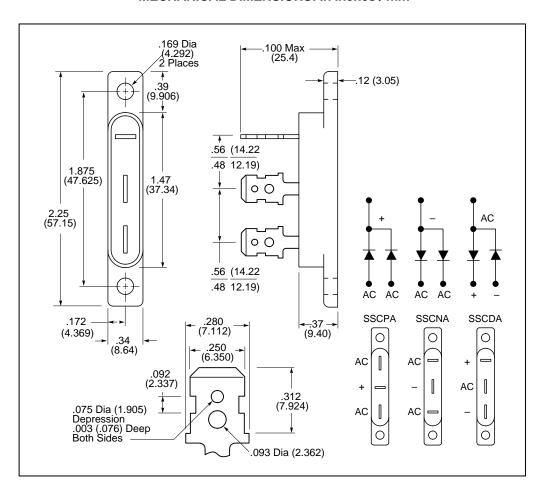


Fig. 407



## **TECHNICAL DATA**

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