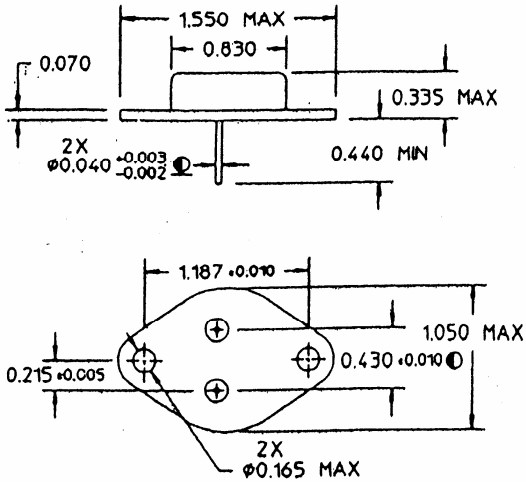
Silicon T03 Miniature Power Circuits

Edal's Miniature power design offers optional configurations in one standard package. A sharp reduction in space requirements, simplified purchasing, reduced inventory, fewer lead connections and faster assembly by eliminating the need of soldering many diodes to achieve equivalent circuitry are substantial advantages. Low unit cost and increased reliability are proven results of Edal multiple circuits, now available in half wave, and center tap circuits. Ratings for the circuits that are listed below point out the high temperature resistance, low leakage current and low forward voltage drop. Units utilize double diffused passivated junctions. Through Quality Control program results in high unit reliability. Available in Fast Recovery and/or Bulk Avalanche devices.

Electrical Ratings (Per Section)	
Maximum Output Current	
Case Temp 130 ^{o} C Io see Chart	
Maximum Single Cycle Surge Current	250 amps
Maximum Forward Voltage Drop:	
at Io 25 ^{o} C Case	1.5 volts
Maximum Reverse Current:	
at PIV	50 ua
Maximum $I^2 t$	250 amps^2 sec



SERIES T PER SECTION SPECIFICATIONS

CURRENT		PIV			
CODE	AMPS	CODE	(VOLTS)	CODE	CIRCUIT
10	10	A	50	1	Half Wave
15	15	B	100	2	Center Tap, Case Pos.
20	20	C	200	3	Center Tap, Case Neg.
		D	300		
		E	400		
		F	500		
		G	600		
		H	700		
		K	800		
		M	1000		
		N	1200		

T 10 B 2

First code represents series, second current, third PIV, fourth the circuit. Series T10B2, for Example is a 10 amp 100 PIV Center Tap Case Positive.

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