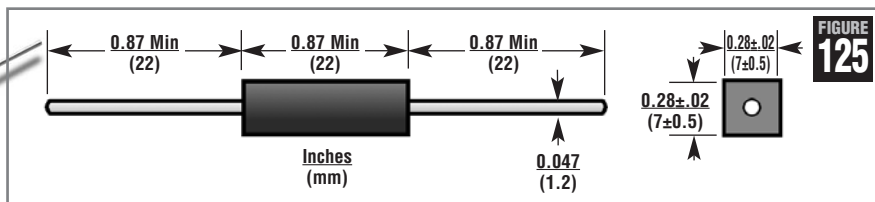


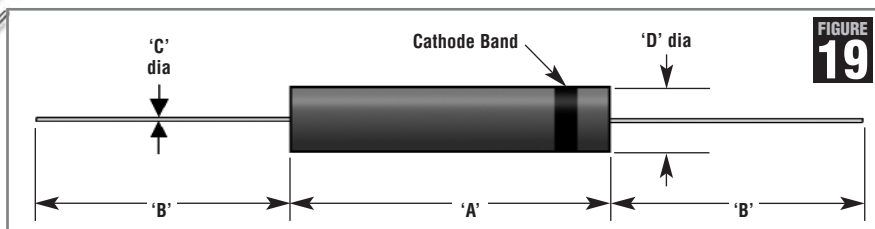
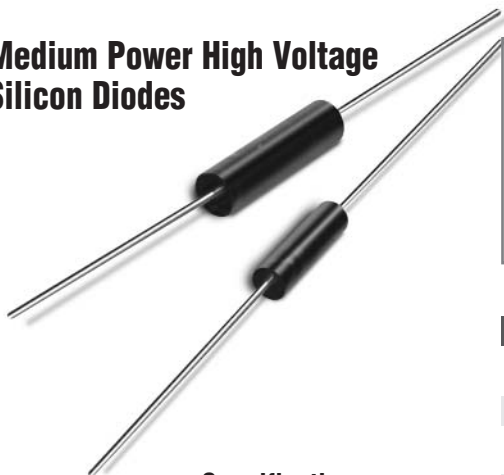


High Voltage Power Diodes Ultra-Fast Recovery



HVCA Number	Repetitive Peak Reverse V_{RRM} V (Volts)	Avg. Forward Current Maximum $I_{FAVM@}$		Max. Forward Voltage Drop $V_F@I_F$ V (Volts)	Max. Reverse Recovery Time T_{rr} (nsec)	Max. Reverse Current $I_R@V_{RRM}@25^\circ C$ μA (microAmps)	Max. Surge Current I_{FSM} (8.3ms) A (Amps)	Figure
		$T_A=55^\circ C$ mA (milliamps)	$T_{OIL}=55^\circ C$ mA (milliamps)					
UX—Ultra Fast Recovery High Current Diode								
UX-FOB	8000	500	600	12.0	40	0.5	20	125
UX-FBR8	8000	420	500	12.0	40	0.5	20	124
<i>Dimensions for UX-FBR8 – Length L (inches) - 0.354, Diameter D (inches) - 0.197</i>								
UX-F15B	15000	200	320	16.0	50	0.5	20	125
UX-F2CL15	15000	150	250	16.0	50	0.5	20	19

Medium Power High Voltage Silicon Diodes



Dimension Details

A		B		C		D			
Maximum		Minimum		Minimum	Maximum	Maximum			
Inch	mm	Inch	mm	Inch	mm	Inch	mm		
0.60	15.24	0.94	24	0.028	0.71	0.032	0.81	0.170	4.30

Specifications

HVCA Number	Repetitive Peak Reverse Voltage V_{RRM} V (Volts)	Average Forward Current Maximum $I_{FAVM@}$		Maximum Single Cycle Surge Current I_{FSM} A (Amps)	Maximum Forward Voltage Drop $V_F@T_A=25^\circ C$ & 100mA V (Volts)	Maximum Reverse Current $I_R@V_{RRM}$		Maximum Reverse Recovery Time@ $T_A=25^\circ C$ T_{rr} (nsec)	Maximum Virtual Junction Cap. $C_j@T_A=25^\circ C$ $V_{RRM}=0$ Freq=1Mhz pF (Picofarads)
		$T_A=40^\circ C$ mA (milliamps)	$T_{OIL}=55^\circ C$ mA (milliamps)			$T_A=25^\circ C$ μA Amps	$T_A=100^\circ C$ μA Amps		
2CL2F	8,000	100	220	20	10.0	2.0	40	-	15
2CL2G	10,000	100	220	20	12.0	2.0	40	-	15
2CL2H	12,000	100	220	20	13.0	2.0	40	-	15
2CL2J	15,000	100	220	20	16.0	2.0	40	-	15
2CL2FF	8,000	60	120	10	16.0	2.0	50	150	15
2CL2FG	10,000	60	120	10	18.0	2.0	50	150	15
2CL2FH	12,000	60	120	10	20.0	2.0	50	150	15
2CL2FJ	15,000	60	120	10	24.0	2.0	50	150	15
2CL2FK	10,000	100	220	10	22.0	2.0	50	100	15
2CL2FL	15,000	100	220	10	26.0	2.0	50	100	15
2CL2FM	20,000	100	220	10	35.0	2.0	50	100	15
2CL2FP	30,000	100	220	10	52.0	2.0	50	100	15

High Current Version

HV37-08	8,000	210	410	15	12.0	2.0	10	150	15
HV37-10	10,000	190	365	15	14.0	2.0	10	150	15

DIODES