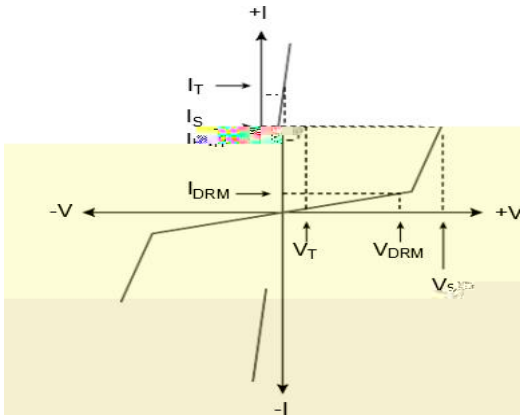
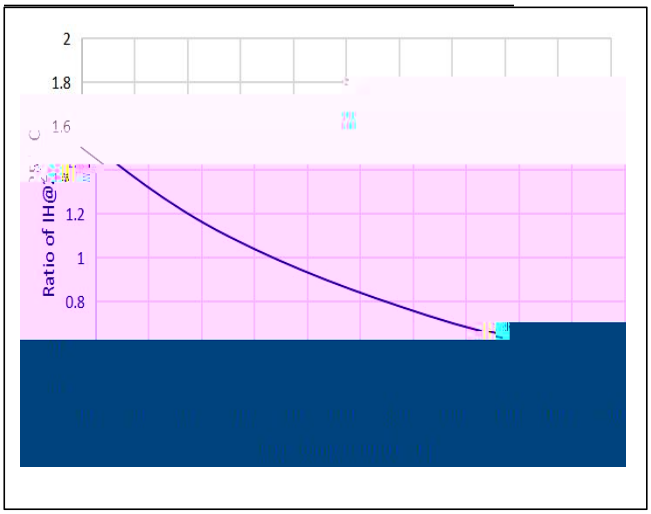
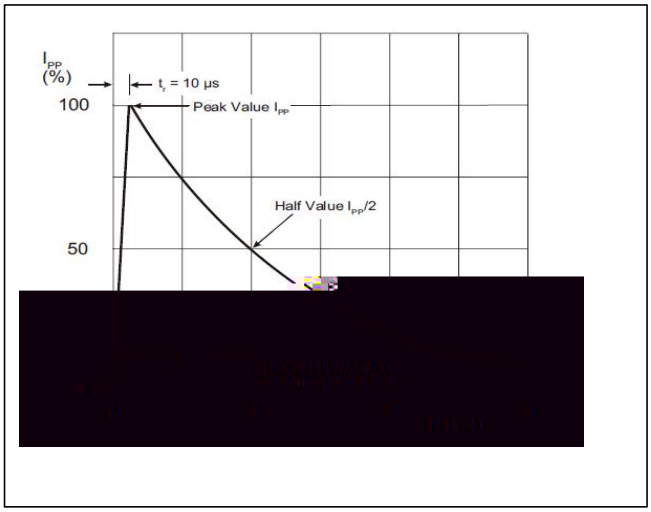
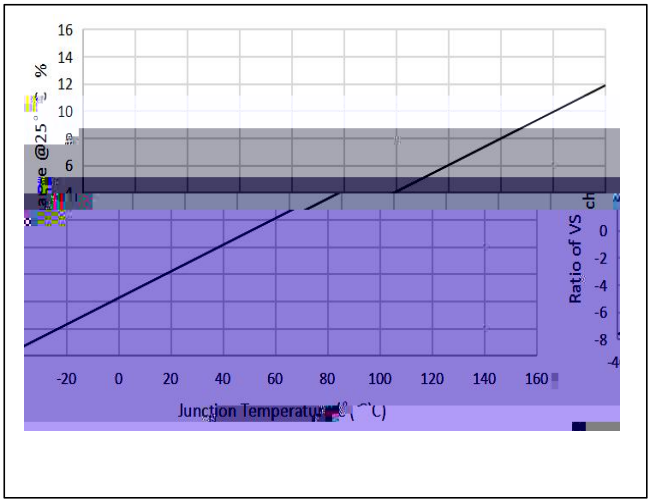
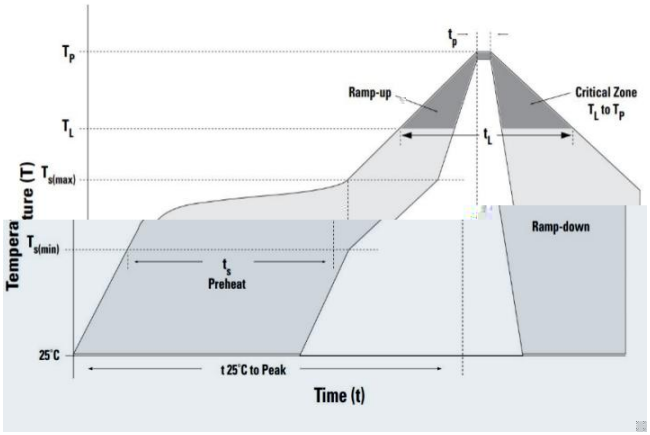
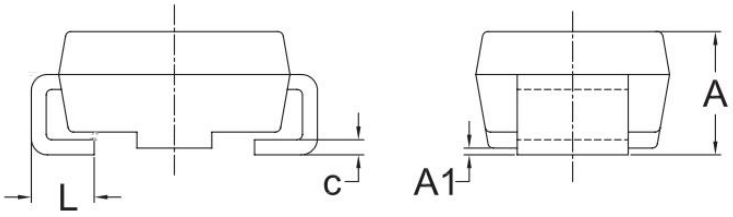

+I
I_T
I_S
I_{DRM}
-V
+V
V_T
V_{DRM}
V_S
-I

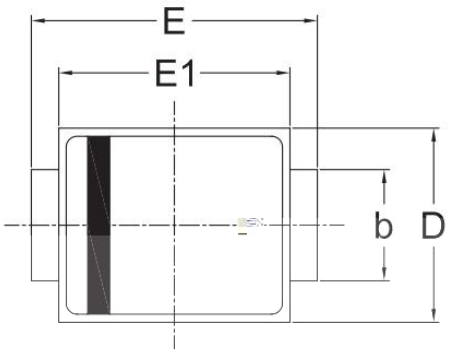

2
1.8
1.6
1.2
1
0.8
Ratio of IH@


I_{PP} (%)
t_r = 10 µs
100
Peak Value I_{PP}
Half Value $I_{PP}/2$
50


16
14
12
10
6
%
Ratio of VS
0
-2
-4
-6
-8
-20
0
20
40
60
80
100
120
140
160
Junction Temperature

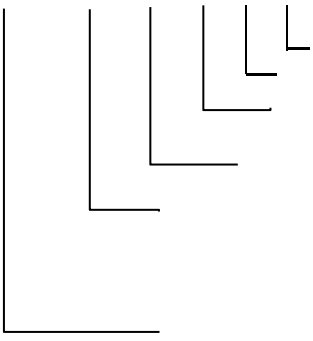

t_p
T_P
Ramp-up
Critical Zone
T_L to T_P
T_L
t_L
$T_{s(max)}$
Temperature (T)
Ramp-down
$T_{s(min)}$
t_s
Preheat
25°C
t 25°C to Peak
Time (t)

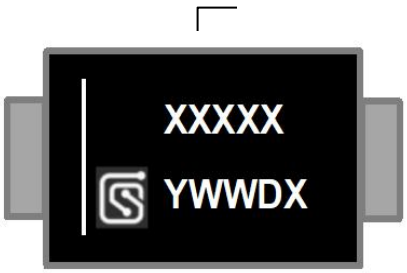




UNIT	A	A1	b	c	D	E	E1	L
mm Max	2.83	0.30	3.10	0.25	6.15	8.15	7.05	1.60
Min	2.33	0.00	2.80	0.15	5.85	7.65	6.75	0.90

Remark: Dimensions D, E1 do not include mold flash or gate remain.






B
A
Cathode
C
D
E
Dimensions are in inches
(and millimeters).
Arbor Hole Dia.
Direction of Feed
F

