

D 40

D (3) 1.65 (.)

$I_D @ c = 25 C$	$C_{33} D_{3C} 3, G @ 10$	140	A
I_D	$D_{3C} 3$	560	
$D @ c = 25 C$	$/ D 3$	83	
D	$D_{3-} 7$	40	
G	$G - - 7$	20	
J G	$3 J_{37} 3 3$	-55 +150	C

€ > Qe

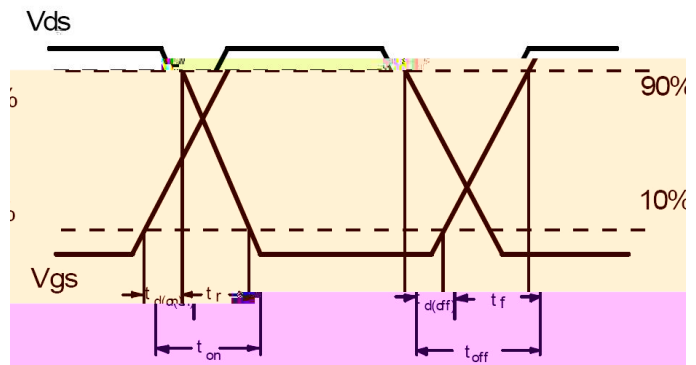
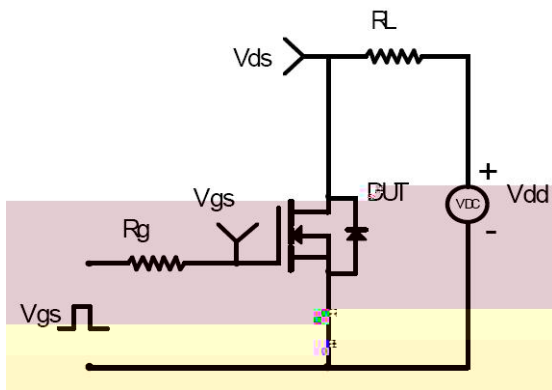
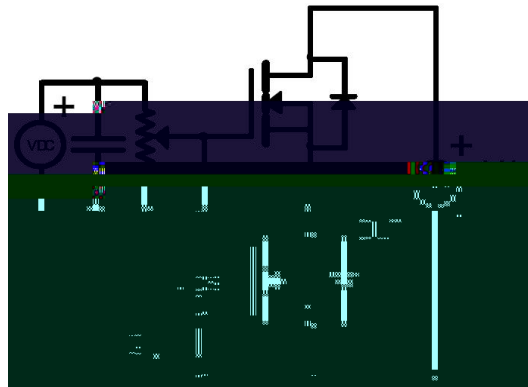
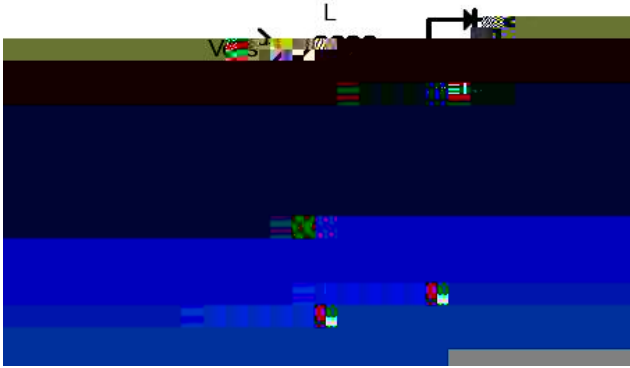
W

JC	J 3 7 3 - -7		1.5	/
JA	J 3 7 3 - - 3	--	20	

□
@ A=25 3 / 7

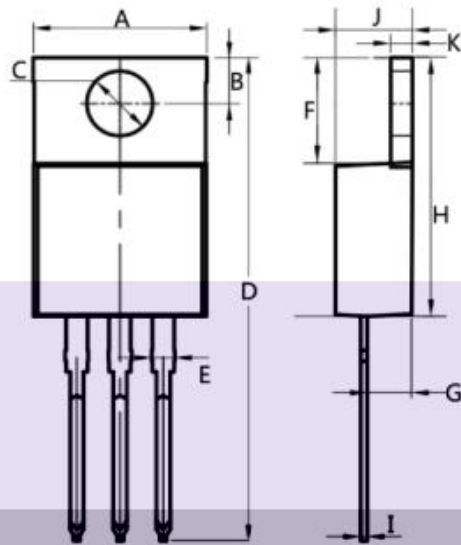
(B) D	D 3 - - 7 / 3	40			G = 0 , I _D = 250 A
D (3)	7 D 3 - - 7 3 - 3 7		1.65	2.3	G = 10 , I _D = 20A
			2.45	3.2	G = 4.5 , I _D = 20A
G ()	G	1		2.5	D = G , I _D = 250 A
I _D	D 3 - - 7 7 3 =25 C			1	A D = 40 , G = 0 ,
I _G	G - - 7 / □			100	3 A G = 20 , D = 0
				-100	
	7		67		3 C G = 10 , D = 32 , I _D = 10A
	G - - 7 7		13.7		
	G - - D 3 (" ") 7		12.7		
(3)	3 - 3		893		3 D = 20 G = 10 D = 0.5
			22		
()	3 -		75		
	F		35		
C	b 7 7 3 7		3835		F G = 0 D = 25 = 1 H
C	7 7 3 7		2795		
C	3 7 7 3 7		475		

I	C 3 3 7 C 3 (B D)		140	A	□ FE / 3 3 3 3 7 3 D S
I	7 C 3 (B D)		560	A	
D	D F /		0.78		I = 20A, G = 0
	7		31	3	I _F = I , I / = 100A/
	7 C		110	3 C	



$C = 7 \times 10^{-12} \text{ F}$; $R_g = 3 \text{ } \Omega$; $R_L = 3 \text{ } \Omega$; $V_{DD} = 3 \text{ V}$; $V_{GS} = 3 \text{ V}$; $f = 3 \text{ MHz}$; $t_{on} = 3 \text{ ns}$; $t_{off} = 3 \text{ ns}$; $d = 3 \text{ } \mu\text{s}$; $J_A = 3 \text{ W}$; $A = 25 \text{ }^\circ\text{C}$.

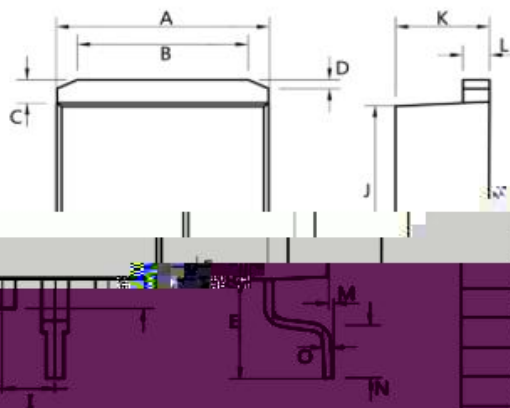
TO-220AB



Dim.	Min.	Max.
A	10.0	10.4
B	2.5	3.0
C	3.5	4.0
D	28.0	30.0
E	1.1	1.5
F	6.2	6.6
G	2.9	3.3
H	15.0	16.0
I	0.35	0.45
J	4.3	4.7
K	1.2	1.4

All Dimensions in millimeter

TO-263



Dim.	Min.	Max.
A	10.0	10.5
B	7.25	7.75
C	1.3	1.5
D	0.55	0.75
E	5.0	6.0
F	1.4	1.6
G	0.75	0.95
H	1.15	1.35
I	Typ 2.54	
J	8.4	8.6
K	4.4	4.6
L	1.25	1.45
M	0.02	0.1
N	2.4	2.8
O	0.35	0.45

All Dimensions in millimeter

A₃ 3 3 7 7 7 3 3 3 3 7 7 3 7 3 3 7 3
 □ , 7 - , 7 ' 7 3 ,
 □ 3 / 7 3 3 7 3 / .
C₃ / 3 3 3 3 3 3 7 7 7 3 3
 3 3 7 - 7 3 .
 3 3 - 3 - 3 3 3 7 7 - ,
 3 3 , (7 - 3 , 3 7 3 3 3 ,) 3
 7 7 7 3 3 3 3 7 7 7 3 3 3 .
 7 7 3 3 3 3 7 7 7 3 3 3 3 3 7 ,
 7 7 7 , 3 3 7 3 7 7 3 3 3 3 , 3 3 3
 3 7 , 7 7 7 - , 3 3 7 3 7 7 3 3 7 7
 □ 3 . 3 7 3 3 3 3 3 3 7 , 7
 / 3 7 3 3 7 - 7 3 . □ -
 3 7 7 3 7 (□) C ., L . - - 7 . H / , 3 3
 - 7 3 7 7 / . l 7 7
 7 7 3 3 7 3 3 3 , 7 , 7 7
 - . 3 3 3 3 , 3 7 7 3
 3 7 3 3 7 7 . 7 - 3 7 3 7 7 3 3 3 7 7
 3 , 3 3 3 , 3 7 3 .
b 3 3 3 7 (3 7 - 3 □ 7 3 7 , 7) 7 7 3 3 3
 □ 7 3 3 3 - 7 7 7 3 / 3 3 , □ 7 □
 / - 3 3 7 3 7 3 7 3 3 3 7 7 3 7 / .
 7 3 - 7 3 3 3 3 □ 7 □ 3 7 7 3 7 ,
 □ 3 7 3 7 3 3 7 3 , 3 3 - 3 , - / , /
 / 3 - 3 3 7 7 3 7 () C ., L .
b 3 (3 7 3 7 7 3 7 7) 3 - 3 ; 3 - 3
 7 3 . 3 3 3 3 7 7 3 , 3 3
 3 3 3 3 3 3 7 □ .
A₃ 3 3 3 7 7 3 3 3 7 7 3 / 3 7
 7 / 7 3 3 , 7 . 3 3 3 3 , "D 7 7 3"
 3 7 3 3 .