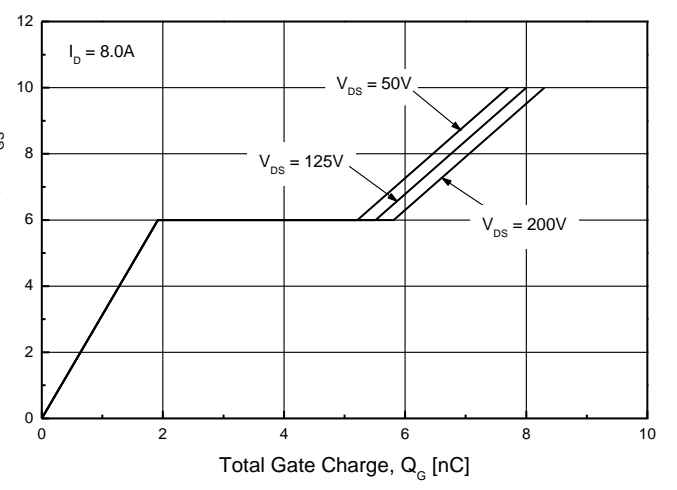
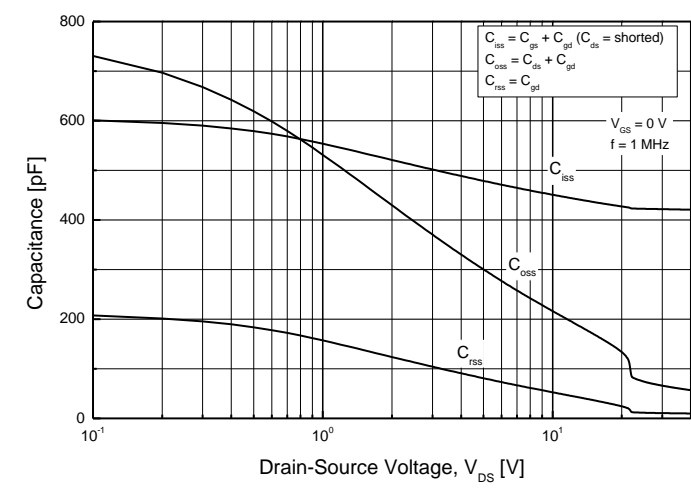
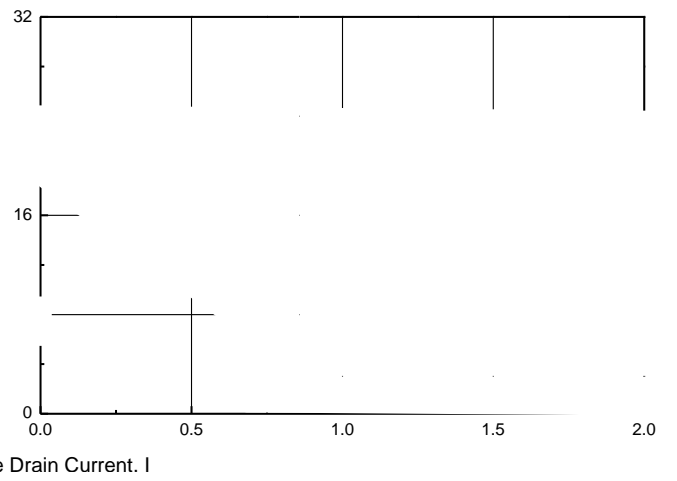
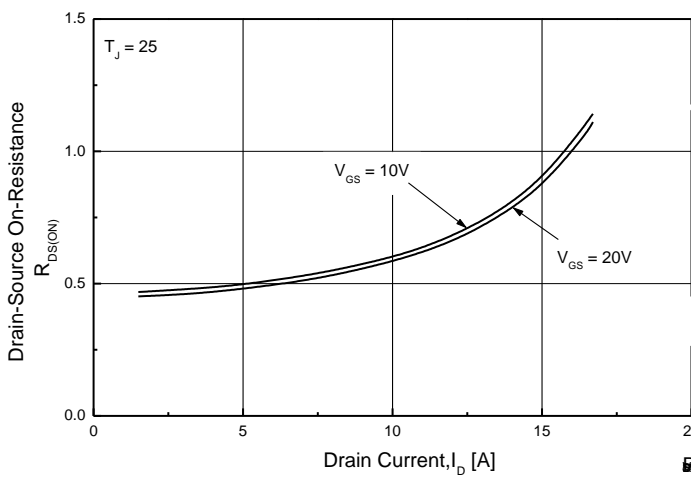
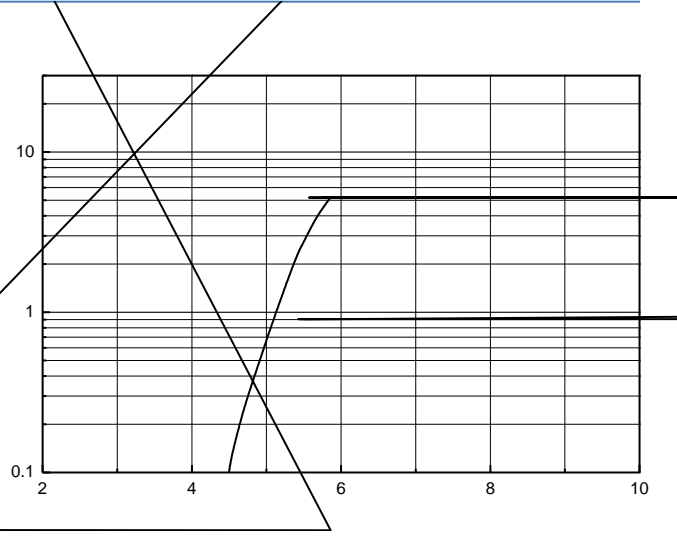
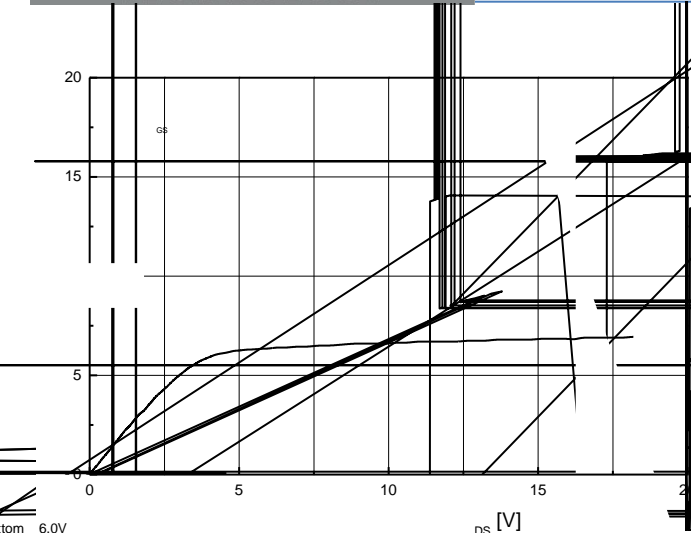


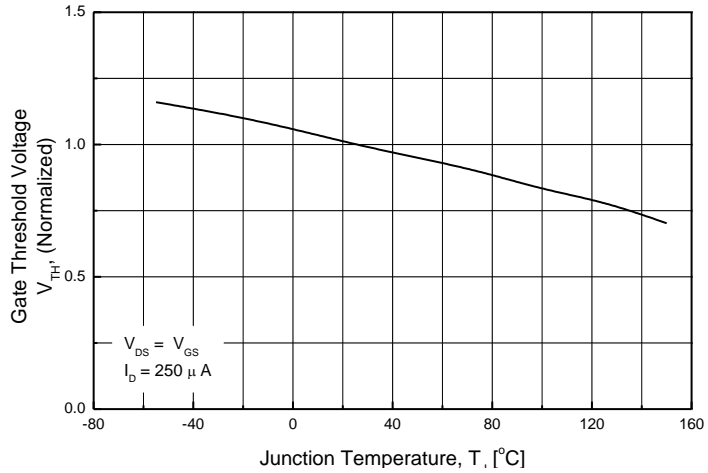
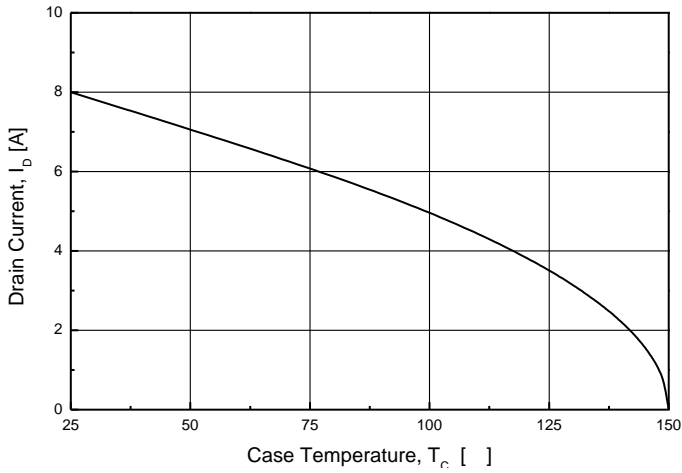
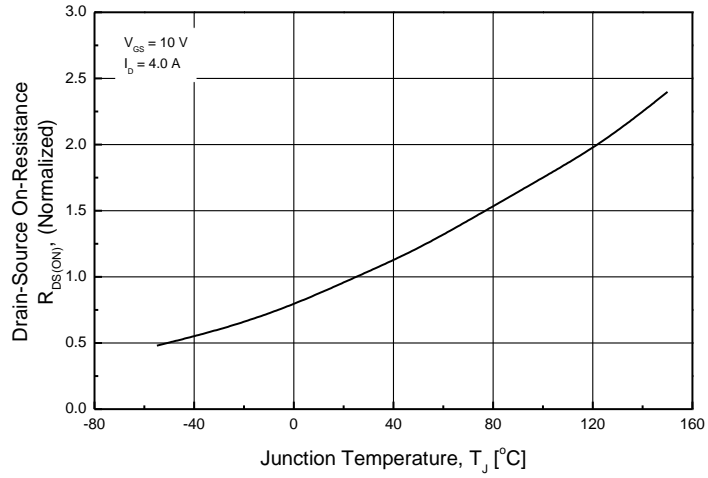
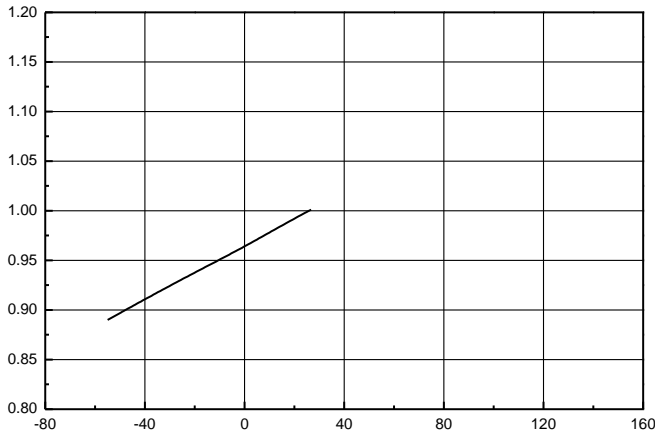


**Electrical Characteristics : T<sub>c</sub>=25 , unless otherwise noted**

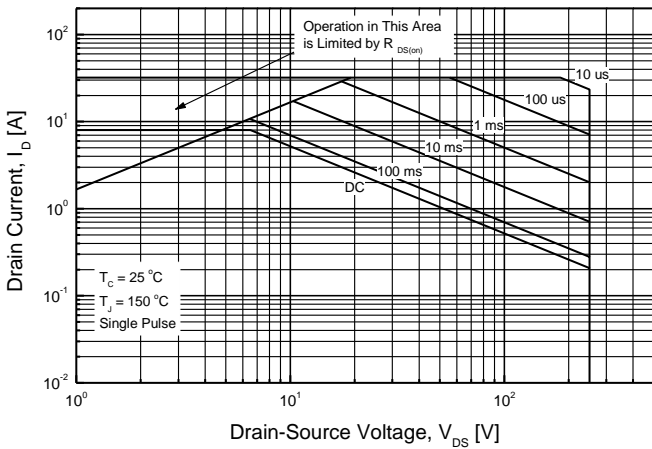

Note :

- 1. Repeated rating : Pulse width limited by safe operating area
- 2. L=3.68mH, I<sub>AS</sub> = 8A, V<sub>DD</sub> = 50V, R<sub>G</sub> = 25 , Starting T<sub>J</sub>= 25
- 3 I<sub>SD</sub> 8A, di/dt     μs , V<sub>DD</sub>     μs, Starting T<sub>J</sub>= 25
- 5. Essentially Independent of Operating Temperature Typical Characteristics

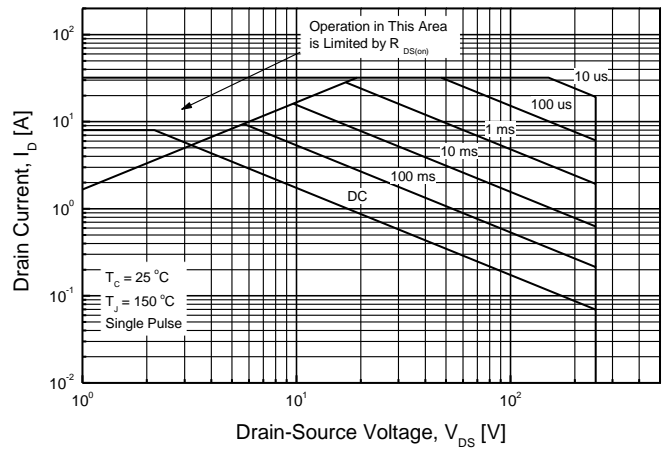




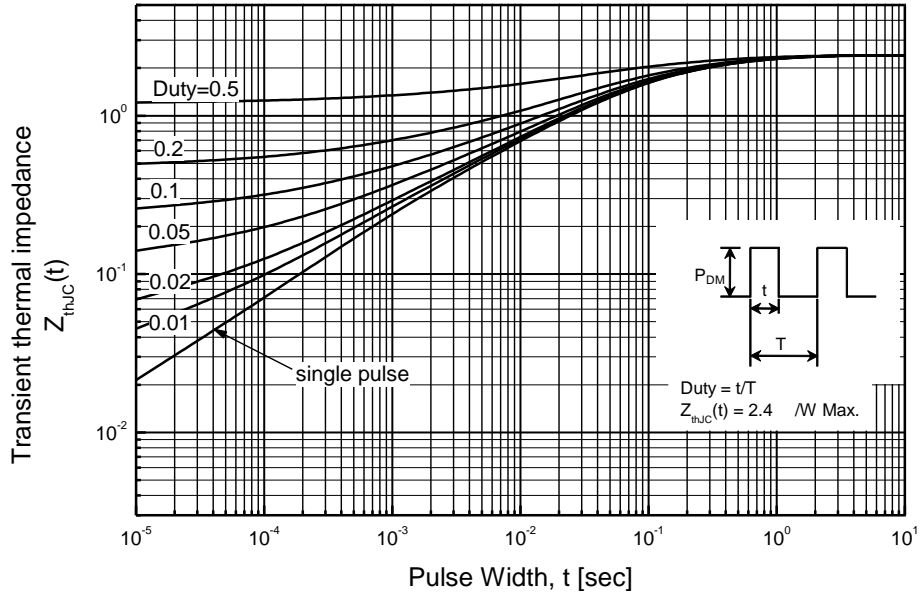
## TMP8N25Z(G)



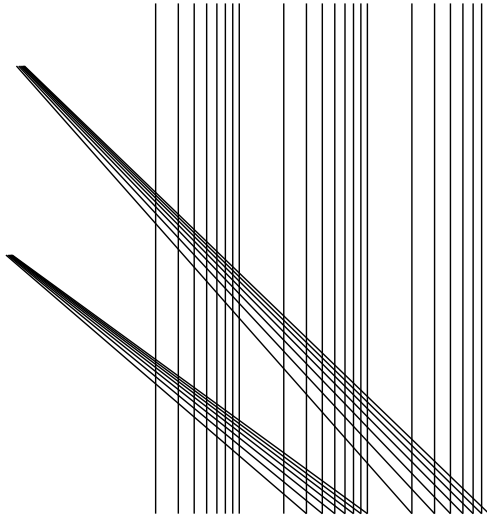
## TMPF8N25Z(G)



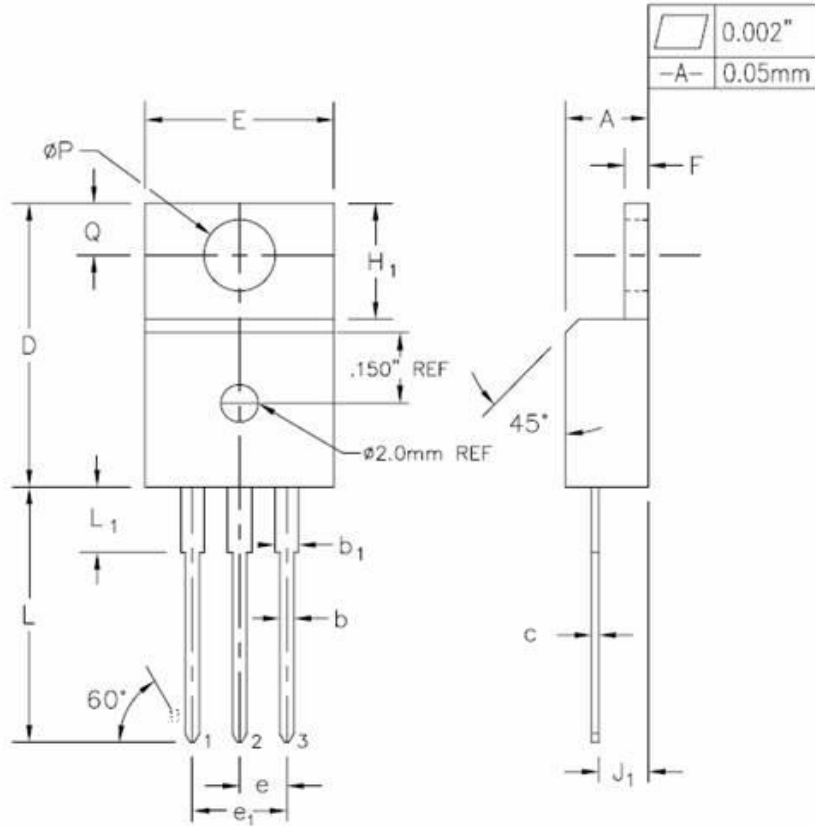
**TMP8N25Z(G)**



**TMPF8N25Z(G)**



**TO-220AB-3L MECHANICAL DATA**



SYMBOL	INCHES		MILLIMETERS		NOTES
	MIN.	MAX.	MIN.	MAX.	
A	0.170	0.180	4.32	4.57	
$b_1$	0.028	0.036	0.71	0.91	
$b$	0.045	0.055	1.15	1.39	
$c$	0.014	0.021	0.36	0.53	
D	0.590	0.610	14.99	15.49	
E	0.395	0.410	10.03	10.41	
e	0.100 TYP.		2.54 TYP.		
$e_1$	0.200 BSC		5.08 BSC		
$F_1$	0.048	0.054	1.22	1.37	
$H_1$	0.235	0.255	5.97	6.47	
$J_1$	0.100	0.110	2.54	2.79	
L	0.530	0.550	13.47	13.97	
$L_1$	0.130	0.150	3.31	3.81	
$\phi P$	0.149	0.153	3.78	3.88	
Q	0.102	0.112	2.60	2.84	

