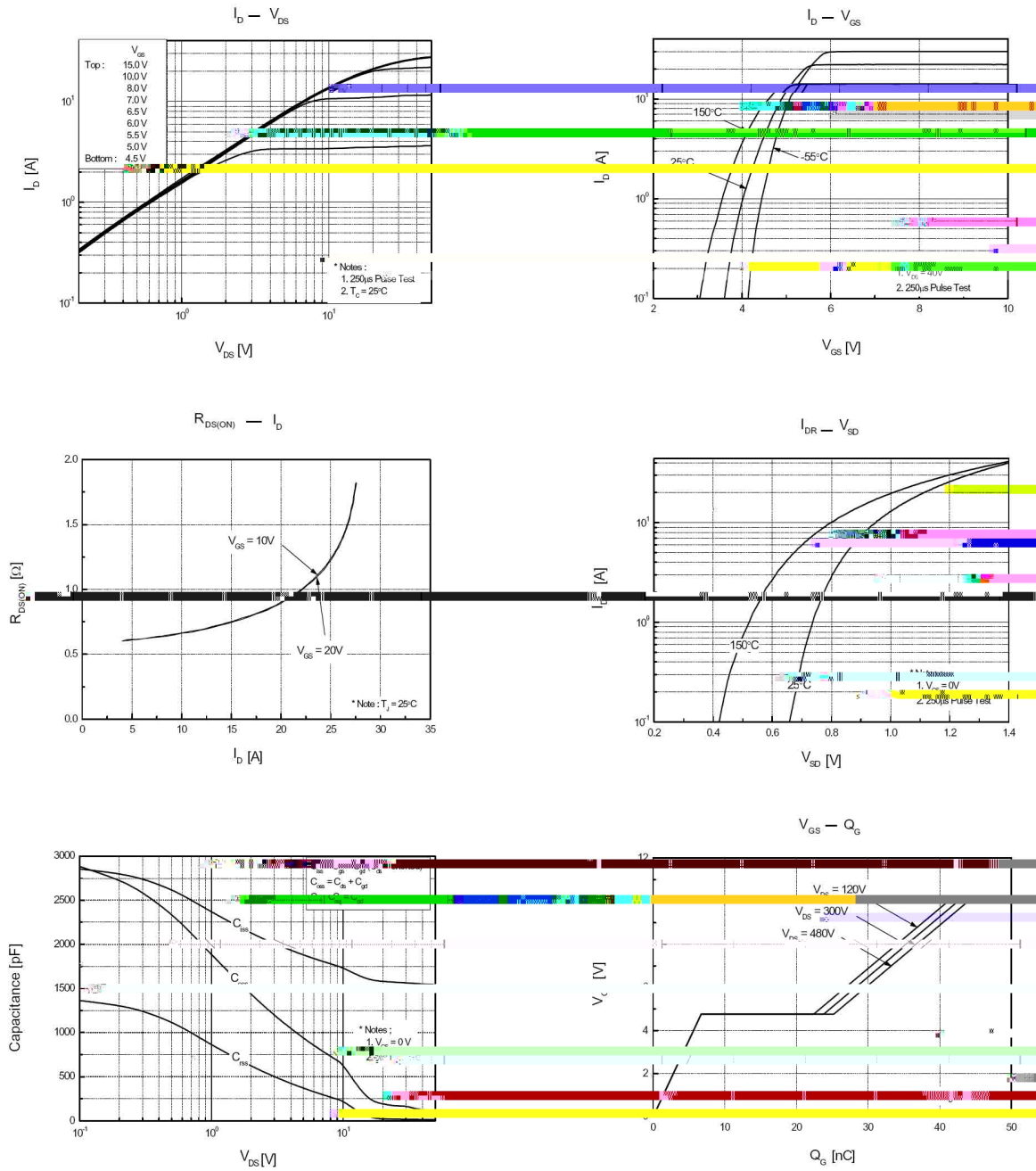


Rev.F Nov.-2022

TO-220FL

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	600	V
Drain Current	$I_D(T_C=25^\circ\text{C})$	9.5	A
Drain Current	$I_D(T_C=100^\circ\text{C})$	5.7	A
Drain Current - Pulsed	I_{DM}	38	A
Gate-Source Voltage	V_{GS}	± 30	V
Single Pulsed Avalanche Energy	E_{AS}	700	mJ
Repetitive Avalanche Energy	E_{AR}	15.6	mJ
Avalanche Current	I_{AR}	9.5	A
Thermal Resistance, Junction to Case	$R_{\theta JC}$	2.5	/W
Thermal Resistance, Junction to Ambient	$R_{\theta JA}$	62.5	/W
Power Dissipation	$P_D(T_C=25^\circ\text{C})$	50	W
Operating and Storage Temperature Range	T_J, T_{STG}	-55 to 150	

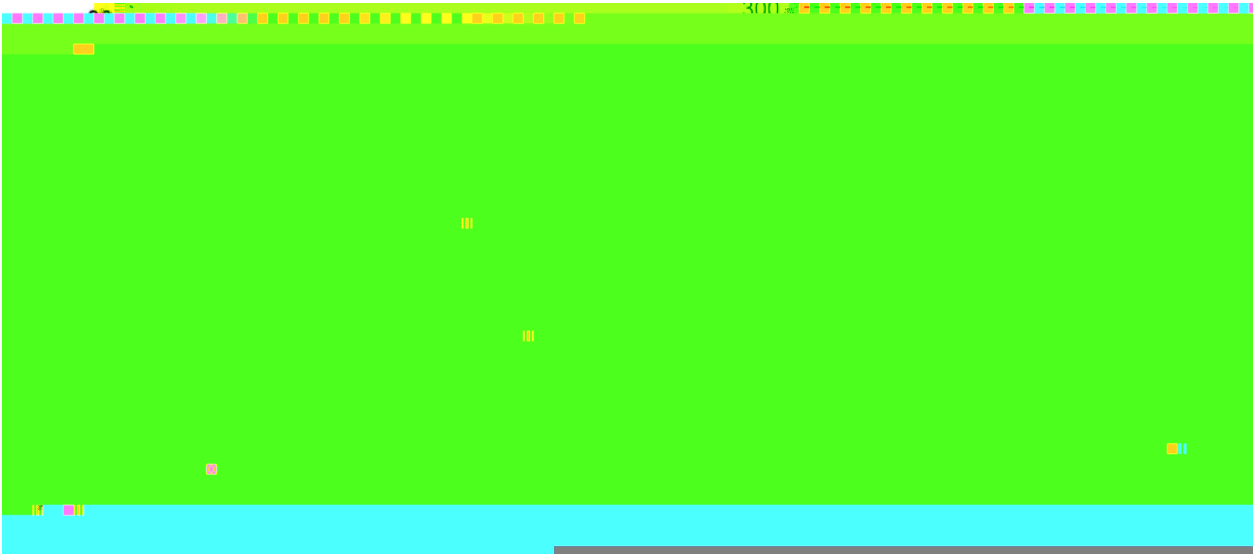
3A'EV f



U Ẹ Ò Ẹ



↓ \$ 7 W'E V f 03



- 1251506090sec;

2255±55±0.5sec;

3210/sec.
- Note:
1.Preheating:25~150 , Time:60~90sec.
2.Peak Temp.:255±5 , Duration:5±0.5sec.
3. Cooling Speed: 2~10 /sec.

4 0 q 2`YT

270±510±1 sec.Temp.:270±5Time:10±1 sec

9 E 2—

/ TUBE

Package Type	Units	Dimension	(unit mm³)
--------------	-------	-----------	------------