·L† ø¦ (LšM”(¯!ÀB* D ¸ T_C=25 ₡)

ø ¦ C0&		1\ -	ø ¦99 *		‹ ƒ
			SVF20N50F	SVF20N50PN	
%?$À+e »		V_{DS}	500		V
5$À+e »		V_{GS}	±30		V
%? ±+e#q	T_C=25 ₡	I_D	20.0		A
	T_C=100 ₡		12.6		
%? ±79 â+e#q		I_{DM}	80.0		A
6G “ ï)· Ä T_C=25 ₡ Å		P_D	72	252	W
- W ¾25 ₡ !ÿ t"? Ö ÿ A			0.58	2.02	W/ ₡
…79 âM Y7-Gÿ Ä# 1 Å		E_{AS}	1596		mJ
Œ5 $Y 93 $		T_J	-55 +150		₡
C^ ˆ$Y Ö93 $		T_{stg}	-55 +150		₡

'#Lq(¯]

[redacted]

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ø ¦ C 0&	1\ -	#•B — ,	6 E r	® Á r	6] r	‹ ƒ
$À±+e#q	I_S	MOS 1Ñ]$À ± Ã%? ± ´ @,´ ý •	--	--	20.0	A
$À ±79 â+e#q	I_{SM}	P-N 5	--	--	80.0	
$À%? ¼ ±1Ñ »L}	V_{SD}	I_S=20.0A ÈV_{GS}=0V	--	--	1.4	V
ý A ' = &L$	T_{rr}	I_S=20.0A ÈV_{GS}=0V È	--	570.3	--	ns
ý A ' =+e9§	Q_{rr}	dI_F/dt=100A/µs (# 2)	--	7.35	--	µC

Ö

1. L=30mH ÈI_{AS}=9.9A ÈV_{DD}=50V ÈR_G=25 : È 0 û$Y Ö T_J=25 ¢ ×
2. 79 â#{B Ö 79 â í Ö ” VÈ •0ª" ” ×
3. * \ : = Œ$Y Ö,´ ¡ ý Ä

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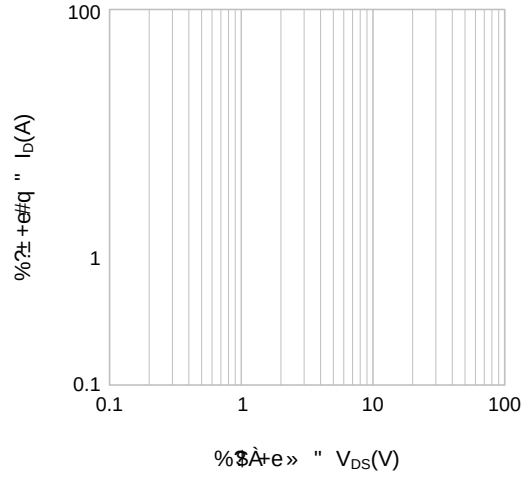
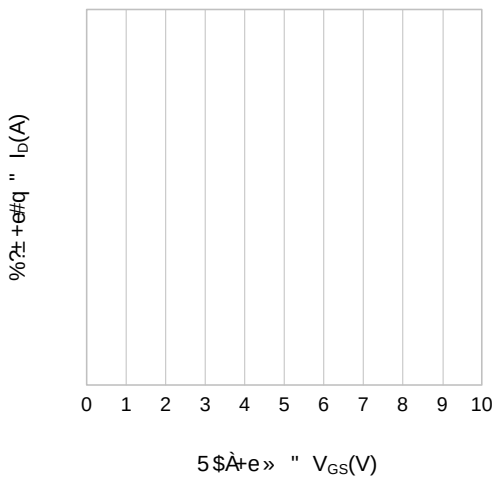
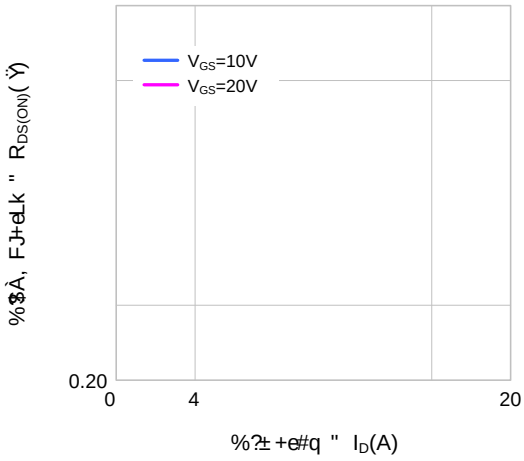
. 1. EÃ* (© W



. 2. PEÃ© W



. 3. , FJ+eLkvs.%?± +e#q Ã



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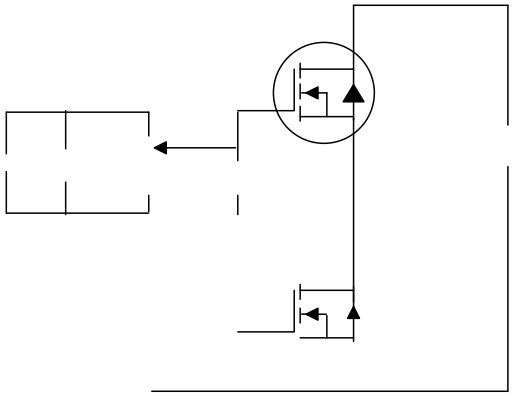
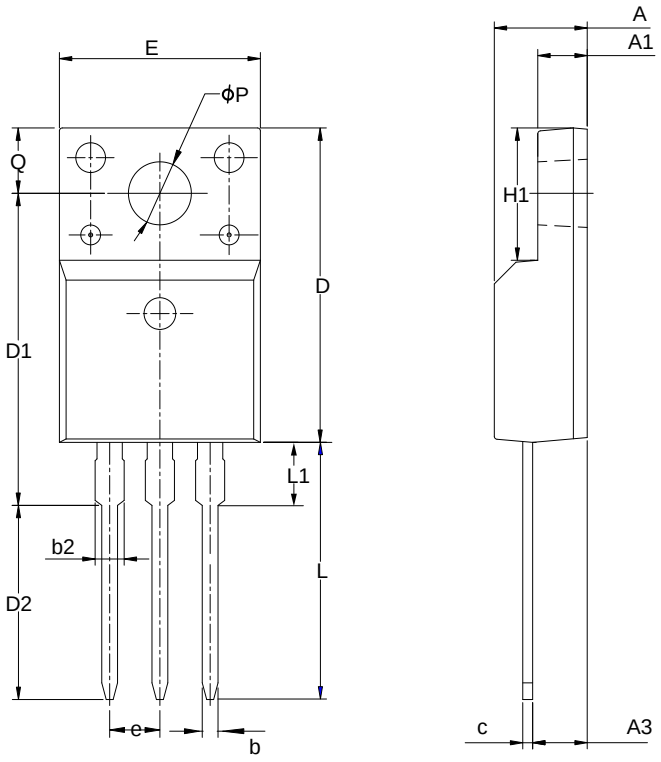


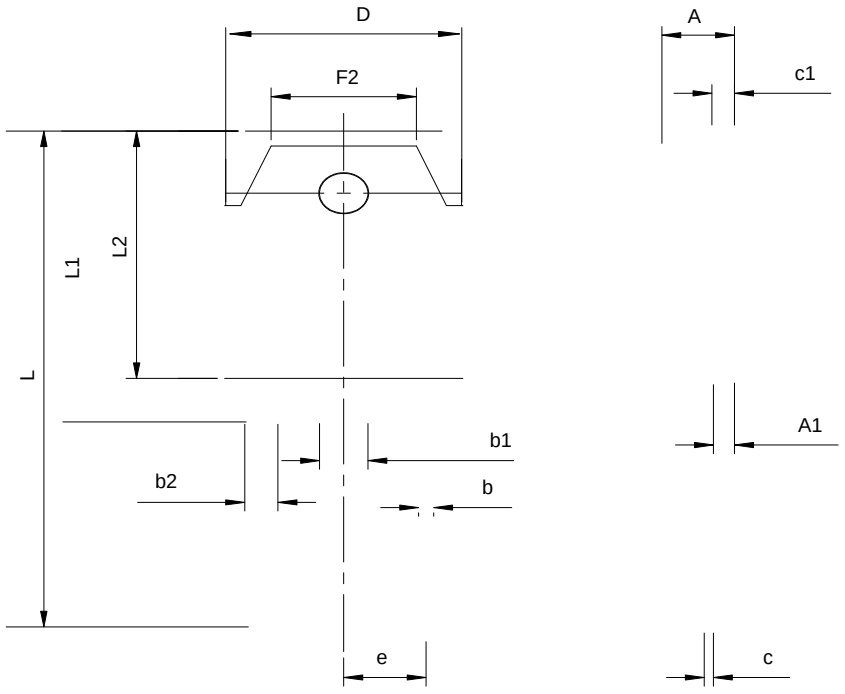
7>û L ˜ 4

TO-220F-3L ‹ ƒ Æ"!2©



4.42	4.70	5.02
2.30	2.54	2.80
2.5		3.10

TO-3P ‹ ƒ Æ"!2©



SYMBOL	MILLIMETER		
	MIN	NOM	MAX
A	4.4	—	5.2
C1	1.2	—	1.8
A1	1.2	—	2
b	0.7	1	1.3
b1	2.7	3	3.3
b2	1.7	2	2.3
D	15	15.5	16
C	0.4	0.6	0.8
F2	8.5	—	10
e	5.45typ		
L1	22.6	—	23.6
L	39	—	41.5
L2	19.5	—	21

H ?·# E ÁN¯ Æ

- Š +‰B$ > –,´ $ i s È … = >|FJ. Ä Ò g X ; … } Ä9ç A (0 à(x \Ct É È ¦P¼Añ-(£ Ÿ _ V 0 à ¼ ¼ ¤ Ä
- Š A (× ñ Ž ¾#¸Ci2« ¼ / F"A+X2«+e € × ñ Ä
- Š X Ä+X A (× ñ &B' =?±CµE÷ × ñ,´ 0 WNÍ Ê I È V I J ¡ ý ¤ j,´ M• W Ä + … z , ƒ × ñ(© Ê ‘ & ;G- 9 0 Ê,´ a x F +O uLÌ,´ 7- È é 9CS + X ¯+X A (× ñF >|3+5 AîAÑ ÃB g ¼ ¤ j fFP &F¥ ¸ ¹ ˜ 7 ö ¦ G÷ ¹ ˜ Ú í È F¯ }%Œ X aCUNþL™ 7-FP @ êDÛ T ã FCR × • a õ å,´ +O Ä
- Š C] × ñ &B'AÔ$5 A (v 7 È ² 9+ÁL B' > \ œ (6„3+ Ä
- Š Eœ ^ Ã Ä+X Ã * &B'F¥ ¸] - Ã5¾ - Ã9! - Ã!W- 1y - æ Ã ` j ¼ -Lu * 1Ñ f# »# ?ô Ä
- Š × ñ w"h !’ ³ È A œ (61 B j Ò g Ë $ H/õ,´ × ñ ½
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