150mΩ

■

XT9701 15 USB
NMOS

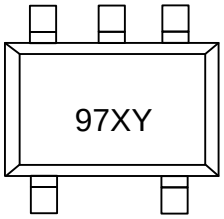
23μA SOT-23-5

5
900mA 600mA

■

& -

■



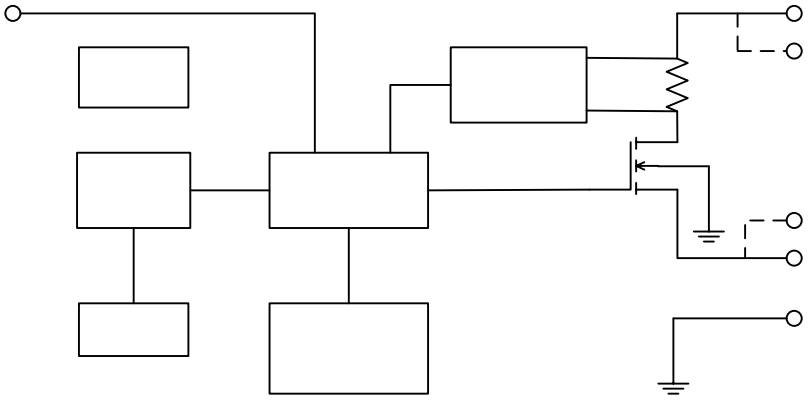
97 ---------- XT9701

X---------- A XT9701AM

B XT9701BM

Y----------

■



■

	V_{DD}	7.0	V
	V_{EN}	-0.3 7.0	V
, TA=25°C SOT-23-5	P_D	0.25	W
(SOT-23-5)	JA	250	/W
10		260	
	Tstg	-65 150	
		-20 100	
ESD	HBM	6000	V
	MM	600	V

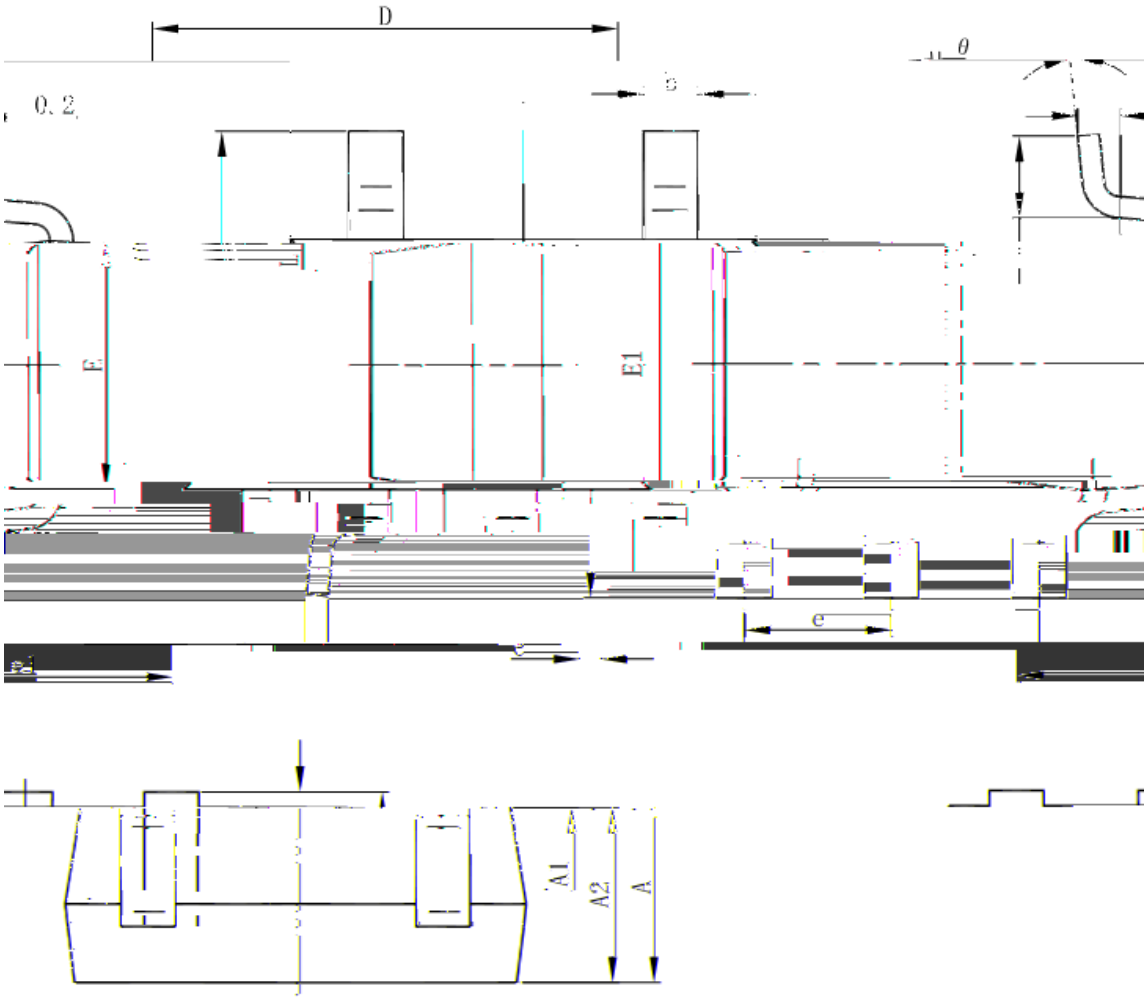
■

V_{IN} = 5V, C_{IN} = C_{OUT} T_A=25

	V_{IN}		2.2		6	V
NMOS	$R_{DS(ON)}$					

■

SOT-23-5



0.041	0.045	A	1.050	1.250
0.000	0.004	A1	0.000	0.100
0.041	0.045	A2	1.050	1.150
0.012	0.020	b	0.300	0.500
0.004	0.008	c	0.100	0.200
0.111	0.119	D	2.820	3.020
0.059	0.067	E	1.500	1.700
[illegible]	[illegible]	E1	[illegible]	[illegible]
[illegible]	[illegible]	e	[illegible]	[illegible]
[illegible]	[illegible]	e1	[illegible]	[illegible]
[illegible]	[illegible]	L	[illegible]	[illegible]
[illegible]	[illegible]	θ	[illegible]	[illegible]