150mΩ

■

XT9701 15 USB
NMOS

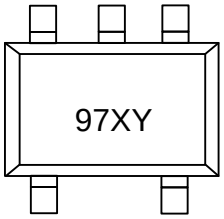
23μA SOT-23-5

5
900mA 600mA

■

& -

■



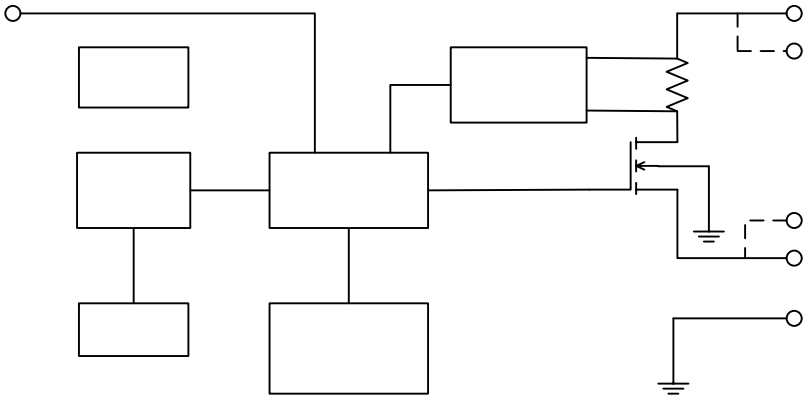
97 ---------- XT9701

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

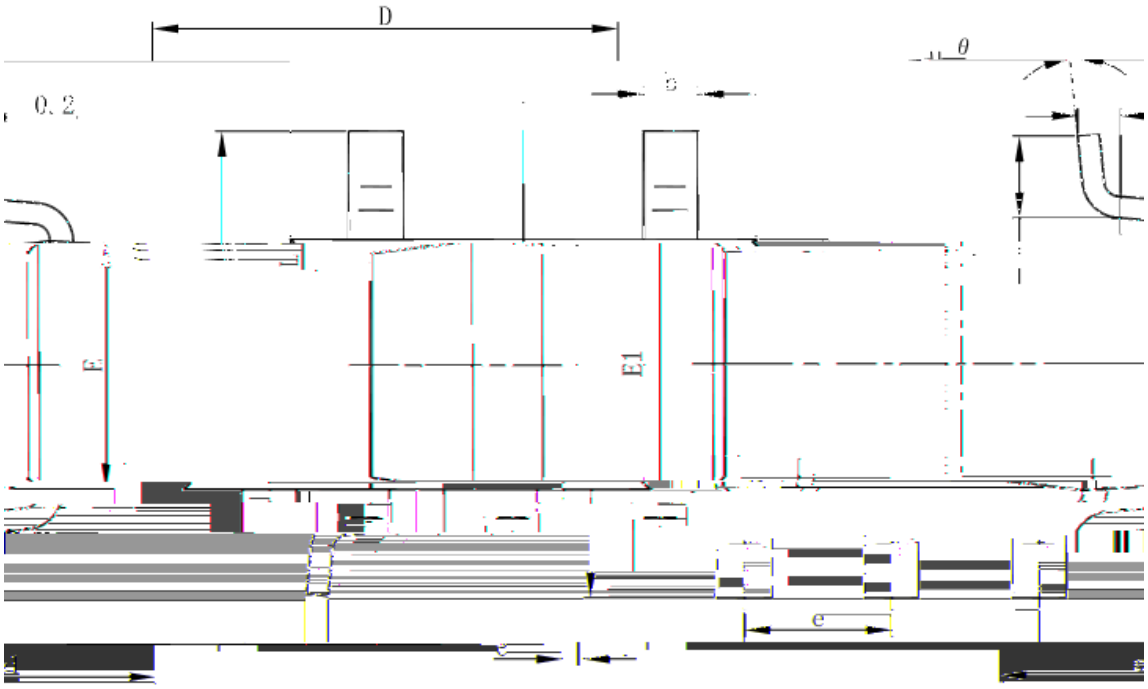
■

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

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

■

SOT-23-5



1.250	0.049	0.053	A	1.050
0.100	0.004	0.008	A1	0.000
1.150	0.045	0.049	A2	1.050
0.500	0.012	0.020	b	0.300
0.200	0.004	0.008	c	0.100
2.820	0.111	0.119	D	2.820
1.700	0.059	0.067	E	1.500
2.800	0.104	0.116	E1	3.000
0.950(BSC)		0.037(BSC)	e	
1.800	2.000	0.071	0.079	e1
0.300	0.600	0.012	0.024	L
8°	8	0°	8°	0°