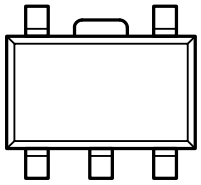
| | | | | | |
|---|---|---|---|---|---|
| K | | | | M | SOT-23-5L |
| | | | | P | SOT-89-5L |

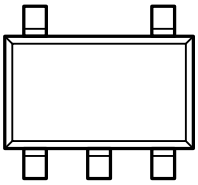
- -

■

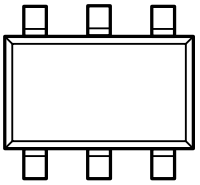
**SOT-23-5L SOT-23-6L SOT-89-5L**



SOT-89-5L
(TOP VIEW)



SOT-23-5L
(TOP VIEW)



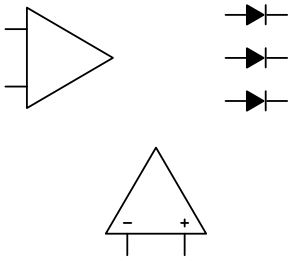
SOT-23-6L
(TOP VIEW)

| | |
|---|---|
| 8 | XT4085 |

| | |
|---|---|
| K | XT4085K |

| | **VBAT** | **VBAT** |
|---|---|---|
| A | 4.2V | ± 1% |

■



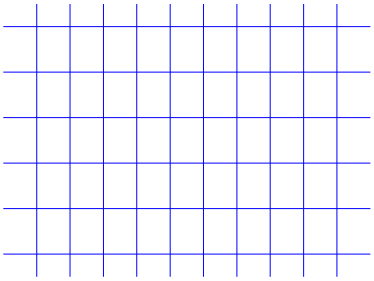
■

| | | | | |
|---|---|---|---|---|
| | $V_{cc}$ | -0.3 14.5 | | V |
| PROG | Vprog | -0.3 6 | | |
| BAT | Vbat | -0.3 12 | | |
| CHRG | Vchrg | -0.3 14.5 | | |
| | $P_D$ | SOT-23-5L | 250 | mW |
| | | SOT | | |

■

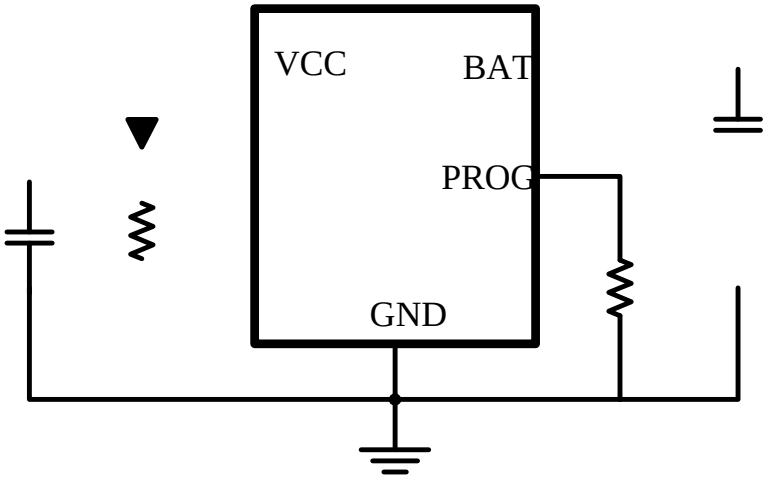
1 BAT

Vin=5V Rprog=2.2K



2 BAT

■




ICH = 1100 / RPROG ICH RPROG PROG

500 RISET = 1100/0.5 = 2.2K

RPROG 1% PROG

ICH = (VPROG/ RPROG) × 1100

C1=4.7uF C2=10uF PCB

2

**OVP**

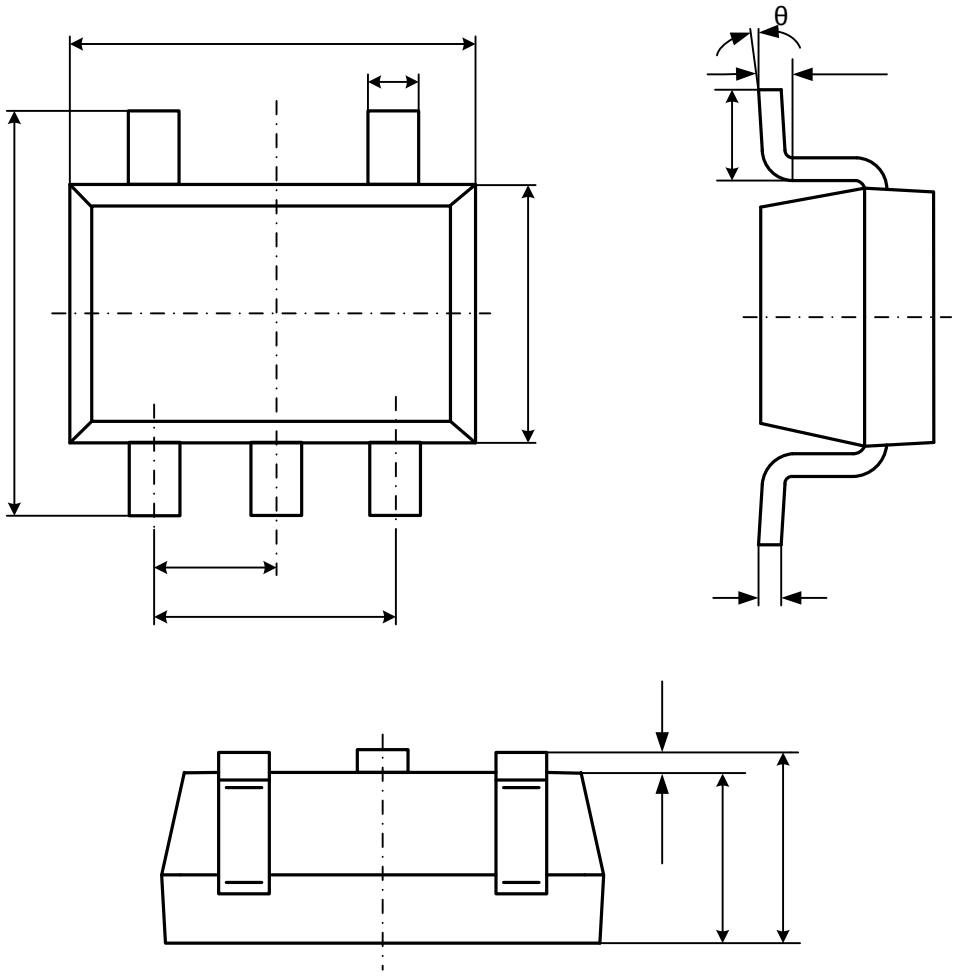
OVP 27 OVP 7V

100 OVP 6.2V OVP OVP LED

90

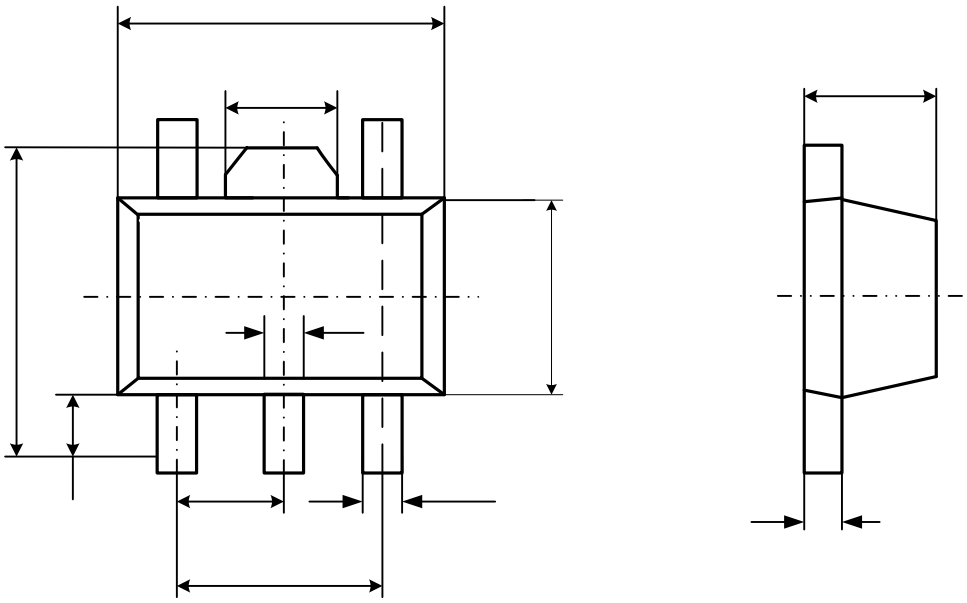
■

**SOT-23-5L**




| Symbol | Dimensions In Millimeters | | Dimensions In Inches | |
|---|---|---|---|---|
| | Min | Max | Min | Max |
| A | 1.050 | 1.250 | 0.041 | 0.049 |
| A1 | 0.000 | 0.100 | 0.000 | 0.004 |
| A2 | 1.050 | 1.150 | 0.041 | 0.045 |
| b | 0.300 | 0.500 | 0.012 | 0.020 |
| c | 0.100 | 0.200 | 0.004 | 0.008 |
| D | 2.820 | 3.020 | 0.111 | 0.119 |
| E | 1.500 | 1.700 | 0.059 | 0.067 |
| E1 | 2.650 | 2.950 | 0.104 | 0.116 |
| e | 0.950(BSC) | | 0.037(BSC) | |
| e1 | 1.800 | 2.000 | 0.071 | 0.079 |
| L | 0.300 | 0.600 | 0.012 | 0.024 |
| | 0 ° | 8 ° | 0 ° | 8 ° |

**SOT-89-5L**



| Symbol | Dimensions In Millimeters | | Dimensions In Inches | |
|---|---|---|---|---|
| | Min | Max | Min | Max |
| A | 1.400 | 1.600 | 0.055 | 0.063 |
| b | 0.320 | 0.520 | 0.013 | 0.020 |
| b1 | 0.360 | 0.560 | 0.014 | 0.022 |
| c | 0.350 | 0.400 | 0.014 | 0.017 |
| D | 4.400 | 4.600 | 0.173 | 0.181 |
| D1 | 1.400 | 1.800 | 0.055 | 0.071 |
| E | 2.300 | 2.600 | 0.091 | 0.102 |
| E1 | 3.940 | 4.250 | 0.155 | 0.167 |
| e | 1.500TYP | | 0.060TYP | |
| e1 | 2.900 | 3.100 | 0.114 | 0.122 |
| L | 0.900 | 1.100 | 0.035 | 0.043 |