1.2 5.0V ,

0.1 V

LN1165 CMOS

±2.0%

180 mV (3.0V

, I_{OUT}=100mA)

0.8μA

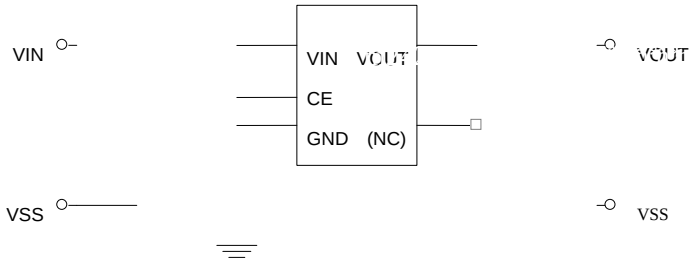
300mA V_{IN}≥V_{OUT}+1v

0.1μA

SOT-23-3/5L

SOT89-3L

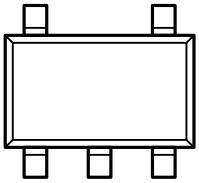
DFNWB1X1-4L



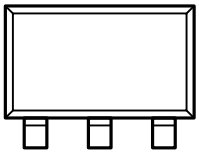
(C1) 1μF

(C2) 1 μF

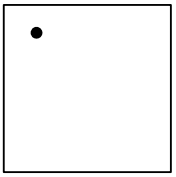
SOT-23-5L,SOT23-3L,SOT89-3L



SOT23-5L
(TOP VIEW)



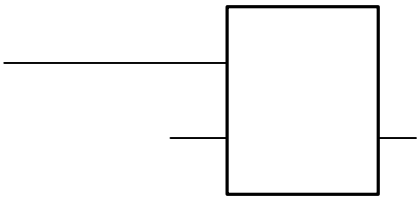
SOT89-3L



A	LN1165

LN1165

(TA=25 unless otherwise noted)



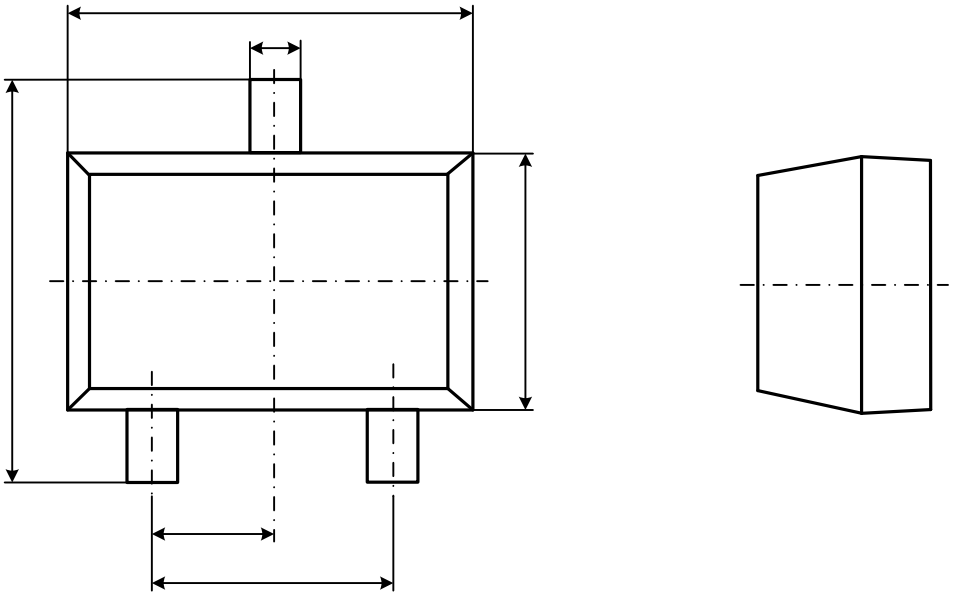
1uF

PCB

PCB

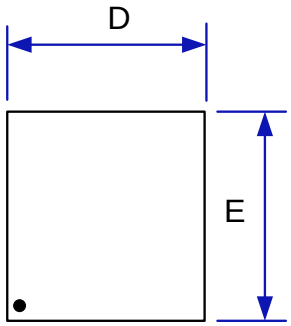
VIN VOUT

SOT-23-3L

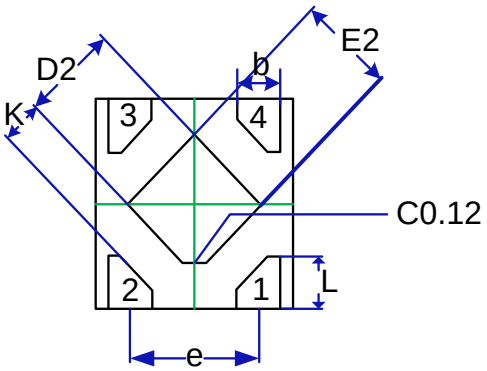


Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min	Max	Min	Max
A	1.050	1.250	0.041	0.049
A1	0.000	0.100	0.000	0.004
A2	1.050	1.150	0.041	0.045
b	0.300	0.500	0.012	0.020
c	0.100	0.200	0.004	0.008
D	2.820	3.020	0.111	0.119
E	1.500	1.700	0.059	0.067
E1	2.650	2.950	0.104	0.116
e	0.950(BSC)		0.037(BSC)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

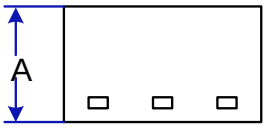
DFN1010-4L



TOP VIEW



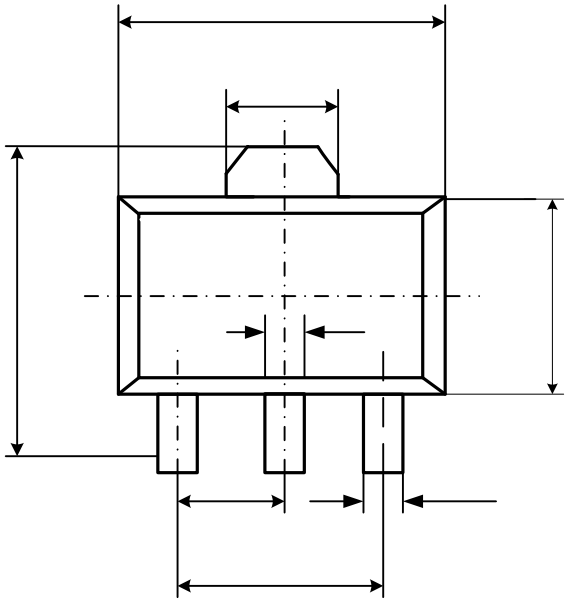
BOTTOM VIEW



SIDE VIEW

Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min	Max	Min	Max
A	0.34	0.40	0.013	0.016
b	0.17	0.27	0.007	0.011
D	0.95	1.05	0.037	0.041
E	0.95	1.05	0.037	0.041
D2	0.43	0.53	0.017	0.021
E2	0.43	0.53	0.017	0.021
L	0.20	0.30	0.008	0.012
e	0.60	0.70	0.024	0.028
K	0.15	-	0.006	-

SOT89-3L



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	0.400	0.580	0.016	0.023
c	0.350	0.400	0.014	0.017
D	4.400	4.600	0.173	0.181
D1	1.550REF.		0.061REF.	
E	2.300	2.600	0.091	0.102
E1	3.940	4.250	0.155	0.167
e	1.500TYP		0.060TYP	
e1	3.000TYP		0.118TYP	
L	0.900	1.200	0.035	0.047