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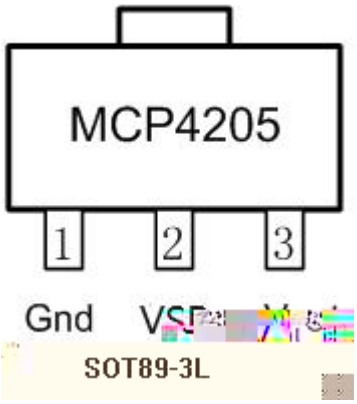
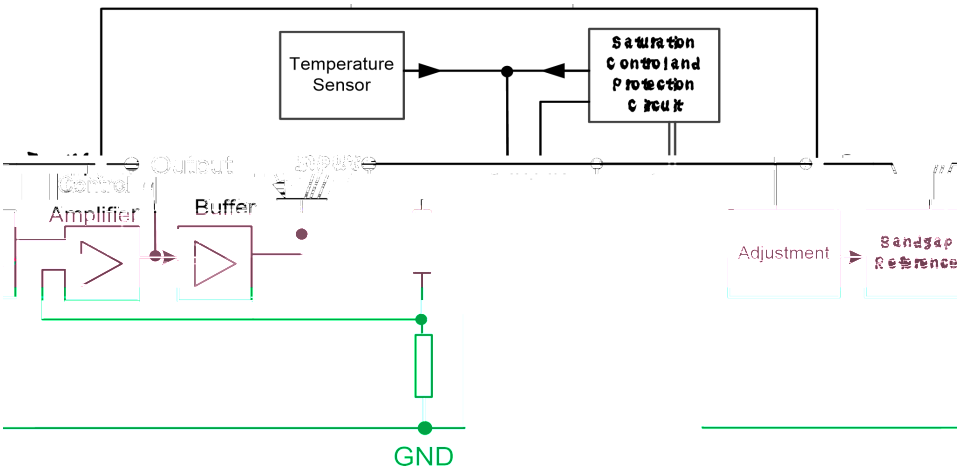
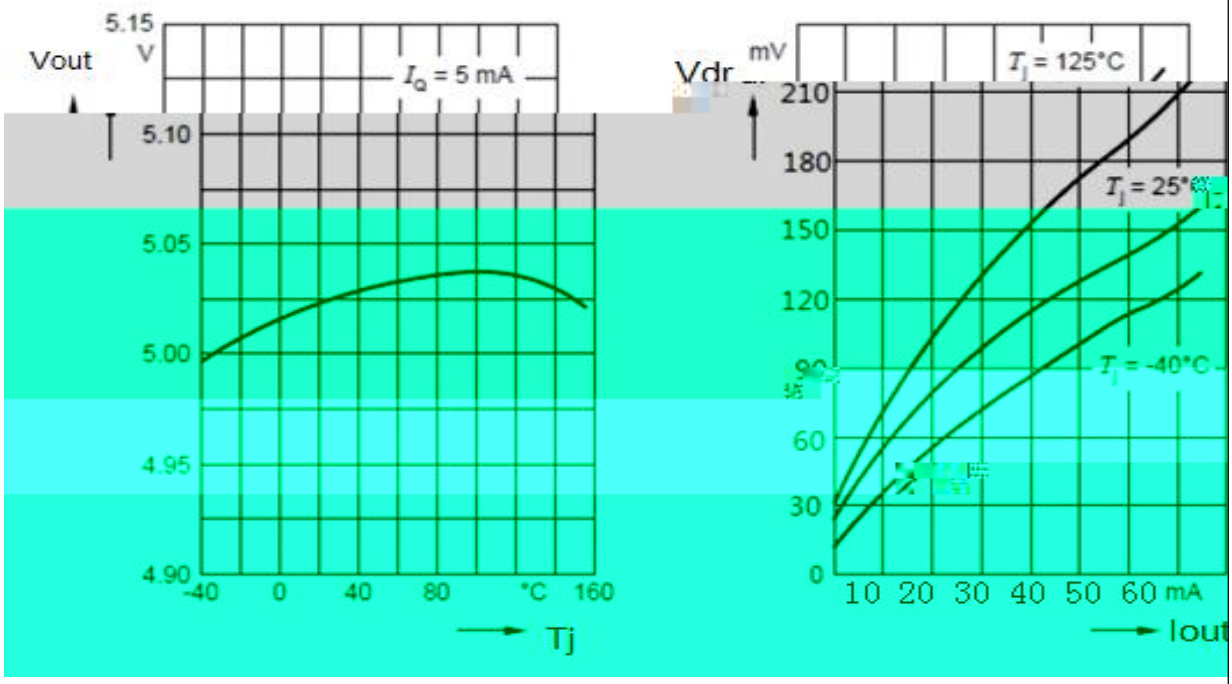
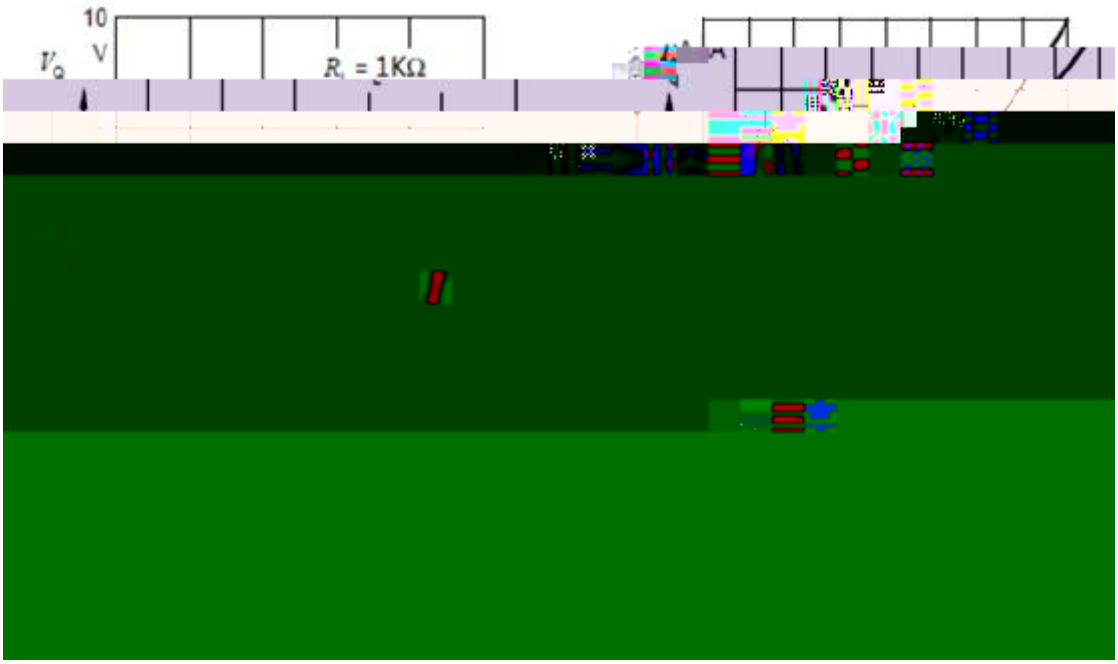
SOT89-3L

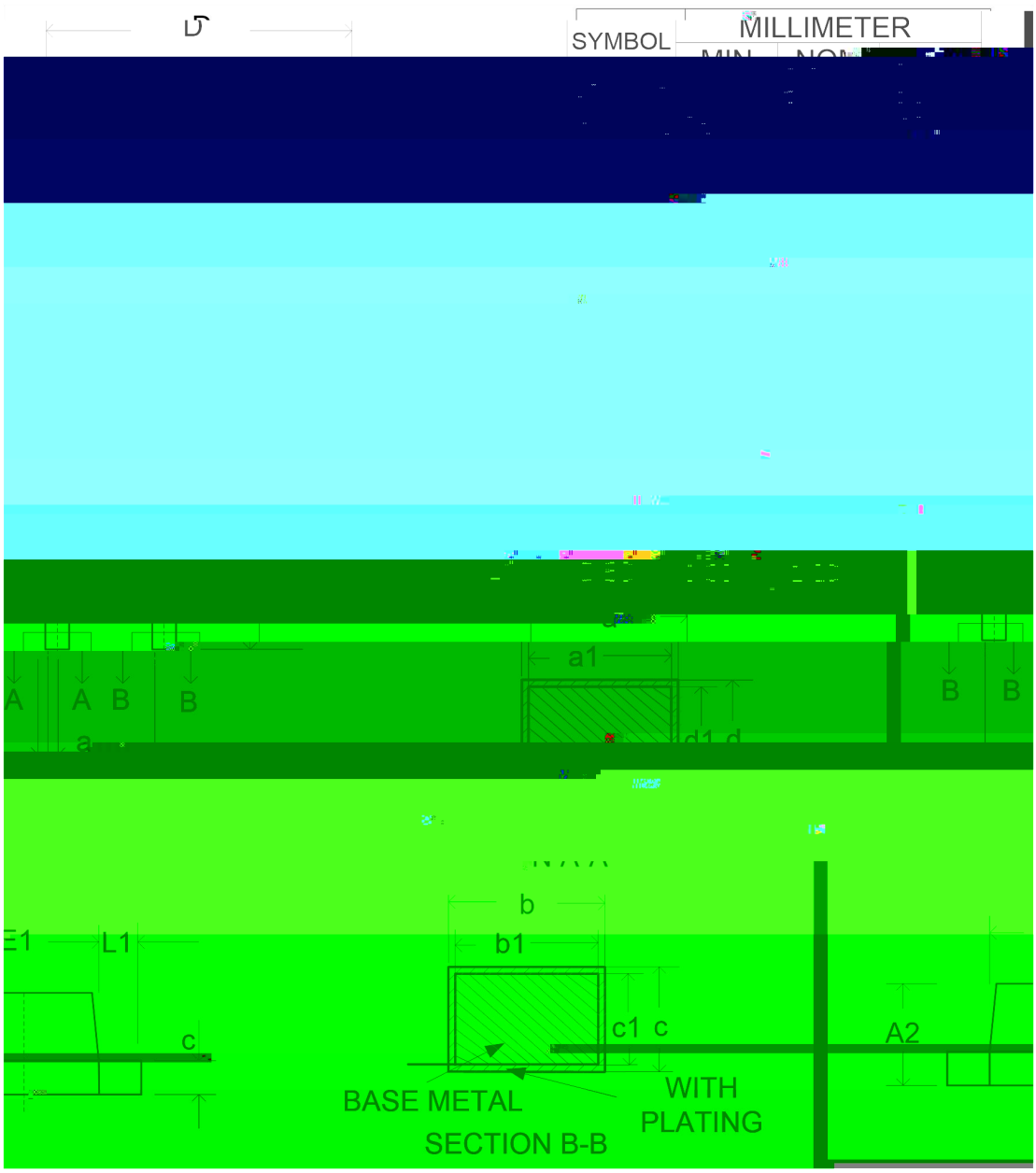



Temperature Sensor
Saturation Control and Protection Circuit
Output
Amplifier
Buffer
Adjustment
Bandgap Reference
GND


5.15
V
Vout
I_Q = 5 mA
5.10
5.05
5.00
4.95
4.90
-40
0
40
80
°C
160
Tj
mV
T_j = 125°C
210
180
150
120
60
30
0
10 20 30 40 50 60 mA
Iout

VS	VS


10
V
V_Q
R_L = 1KΩ


SYMBOL
MILLIMETER
A
A
B
B
a1
d1
d
B
B
b
b1
E1
L1
c
c1
c
A2
BASE METAL
WITH
PLATING
SECTION B-B