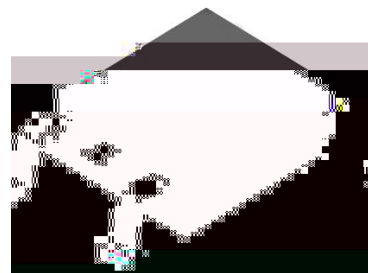


L4080 3 TO 400mA
TO252-3

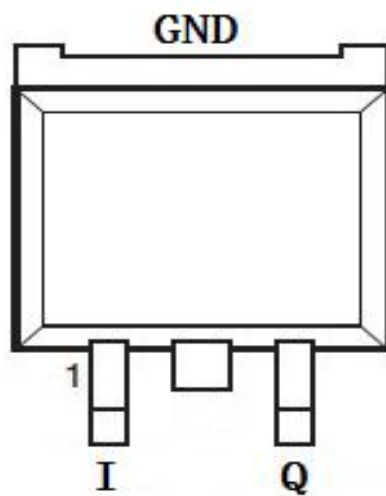
VI VQ+Vdr V1 42V VQ Vdr
0.3V 0.5V

- 5V
- 400mA
- 0.3V
-
-
- 42V
- AEC-Q100
- RoHS





3-1 L4080



3-2

1	I	
2	GND	
3	Q	10KHz CQ≥10uF ESR≤10Ω

4

Top=-40 150

VI-VQ	-0.3	37	V
VI	-0.3	42	V
VQ		12	V

ESD

HBM

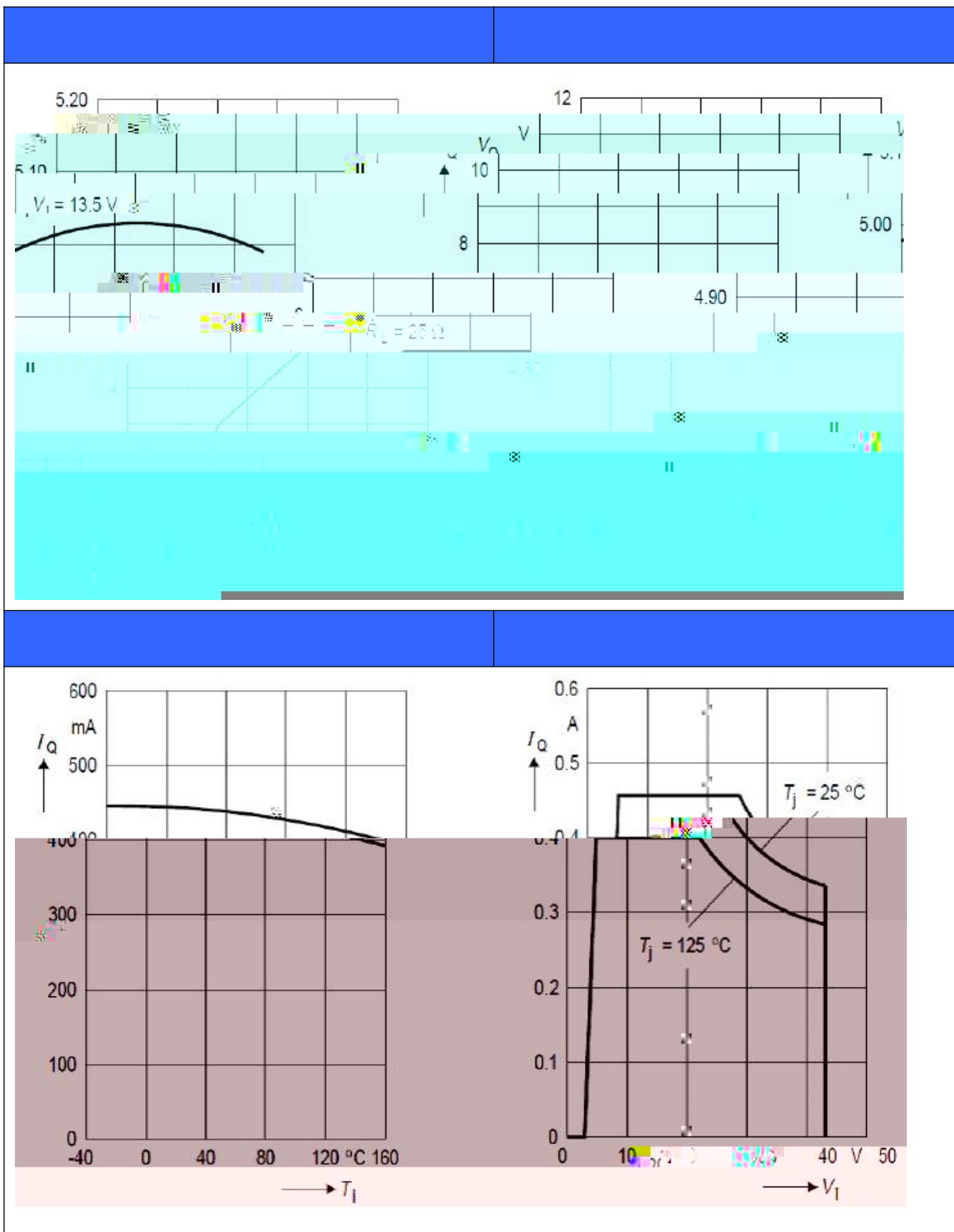


5

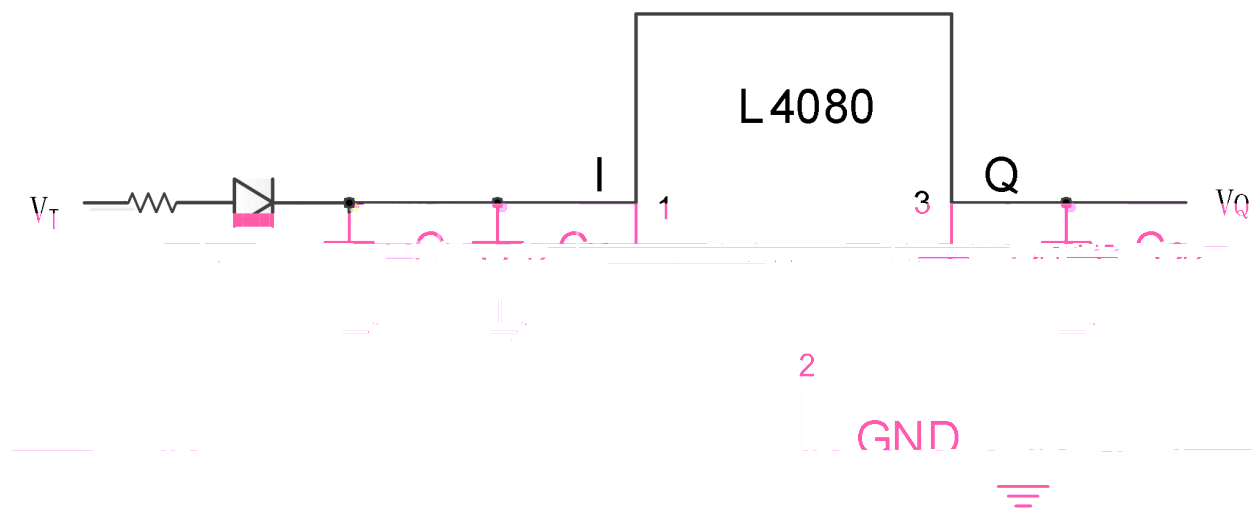
$V_I = 13.5V$ $I_Q = 10mA$ $-40 \leq T_j \leq 150$

	4.9	5.00	5.1	V	$10 \leq I_Q \leq 400mA$
VQ					$6.4V \leq V_I \leq 16V$
		5.0		V	

5.1



6



6-1

6.1

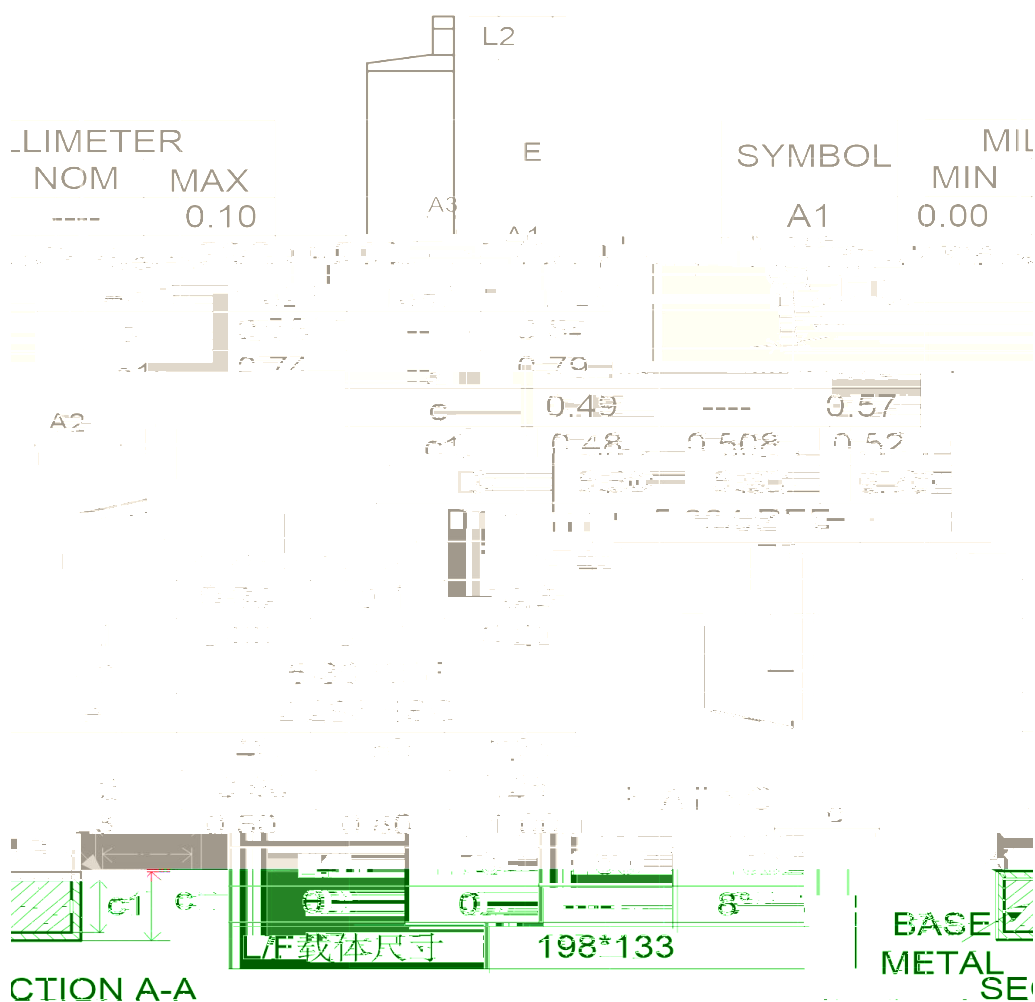
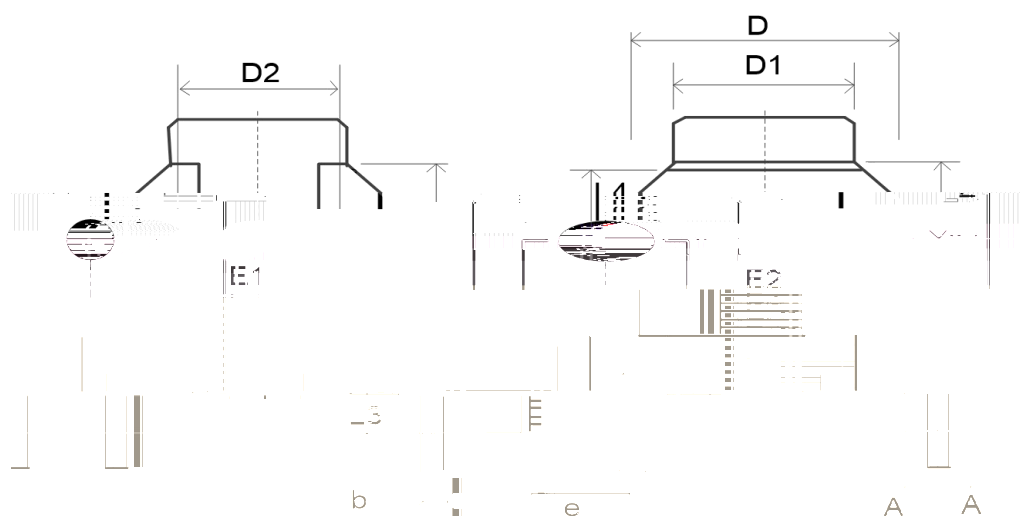
100nF~470nF

10~470uF

6.2

10uF

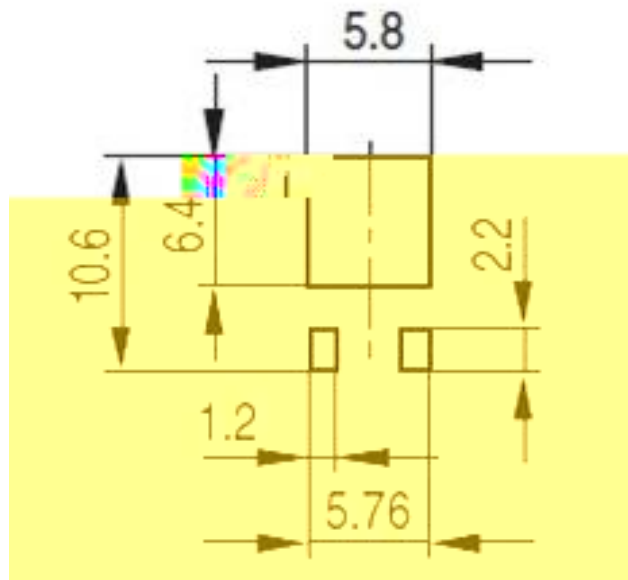
7



7-1 TO252-3

RoHS

IPC/JEDRC J-STD-020



7-2 TO252-3

8

L4080	TO252-3	2500pcs/Tape&Reel