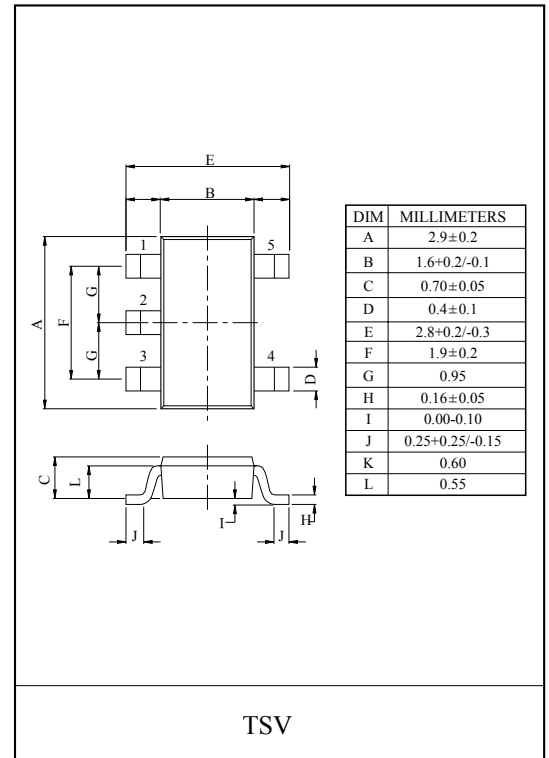
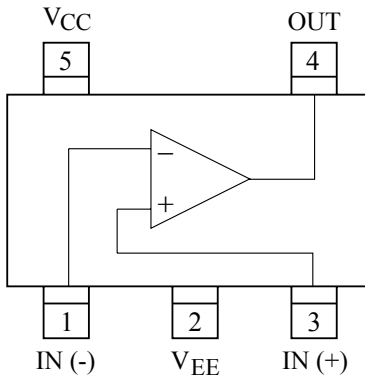


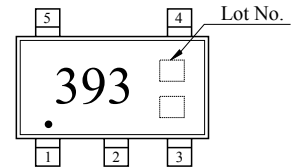
### SINGLE COMPARATOR

- Be Possible to Operate at the Wide Range Single or Two Supply Voltage. : 2~36V, 1~±18V
- Low Supply Current. :  $I_{CC}=0.4\text{mA(Typ.)}$ .
- Low Input Offset Voltage :  $V_{IO}=2\text{mV(Typ.)}$ .
- Wide Common Mode Input Voltage :  $0V_{DC}$  to  $V_{CC}-1.5V_{DC}$ .
- Output is Compatible with TTL, DTL, MOS and C-MOS.
- Output is Open Collector and Wired-OR Possible.

### PIN CONNECTION (TOP VIEW)



### Marking (TOP VIEW)



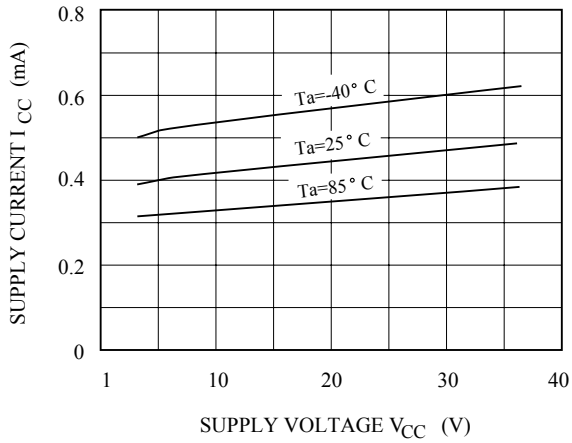
### MAXIMUM RATING (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Supply Voltage	$V_{CC}$	± 18, 36	V
Differential Input Voltage	$DV_{IN}$	± 18, 36	V
Common Mode Input Voltage	$CMV_{IN}$	-0.3 ~ $V_{CC}$	V
Power Dissipation	$P_D$	200	mW
Operating Temperature	$T_{opr}$	-40 ~ 85	°C
Storage Temperature	$T_{stg}$	-55 ~ 125	°C

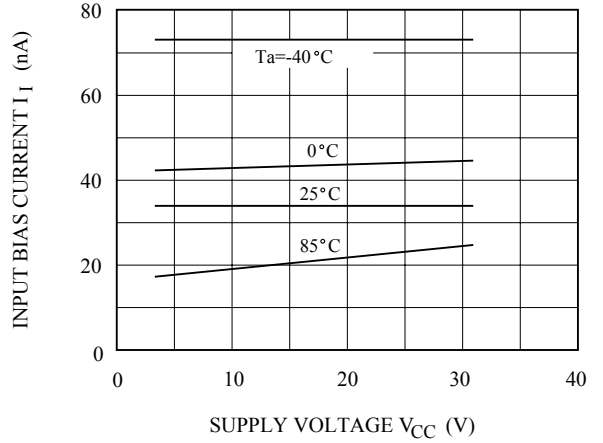


# KIA75S393F

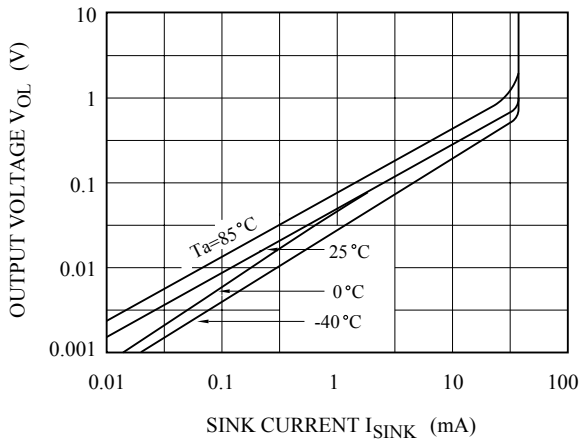
$V_{CC} - I_{CC}$



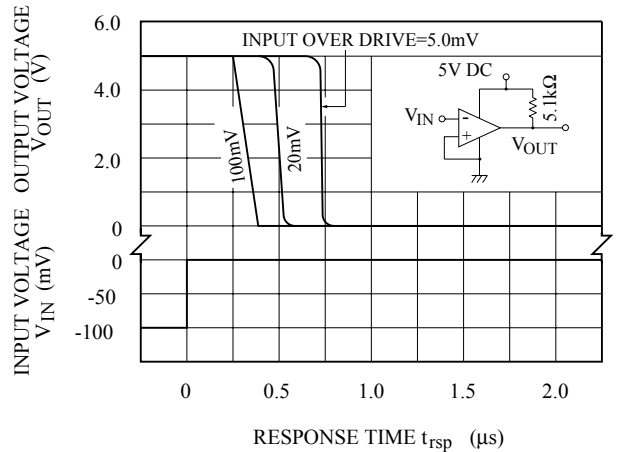
$V_{CC} - I_I$



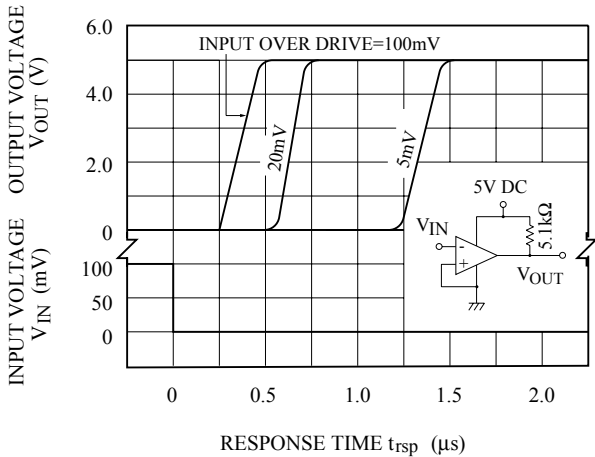
$V_{OL} - I_{SINK}$



$V_{IN}, V_{OUT} - t_{rsp}$



$V_{IN}, V_{OUT} - t_{rsp}$



$P_D - T_a$

