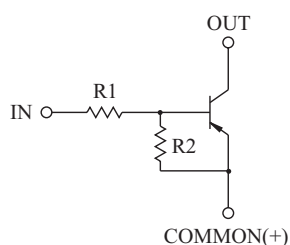


SWITCHING APPLICATION.  
INTERFACE CIRCUIT AND DRIVER CIRCUIT APPLICATION.

### FEATURES

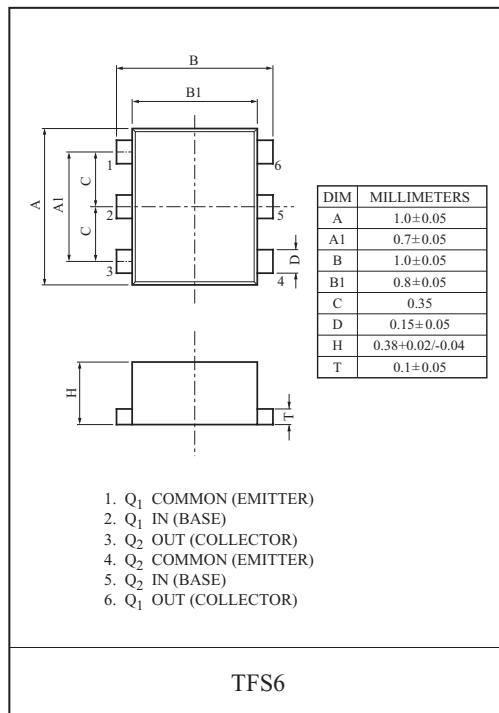
- With Built-in Bias Resistors.
- Simplify Circuit Design.
- Reduce a Quantity of Parts and Manufacturing Process.
- Thin Fine Pitch Super mini 6pin Package.

### EQUIVALENT CIRCUIT

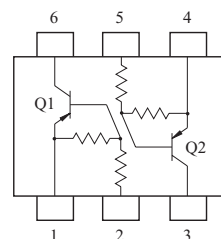


### BIAS RESISTOR VALUES

TYPE NO.	R1(k Ω)	R2(k Ω)
KRA757F	10	47
KRA758F	22	47
KRA759F	47	22



### EQUIVALENT CIRCUIT (TOP VIEW)



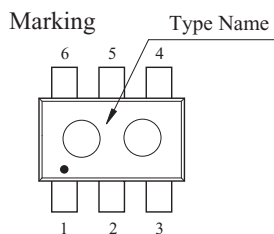
### MAXIMUM RATING (Ta=25 °C)

CHARACTERISTIC		SYMBOL	RATING	UNIT
Output Voltage	KRA757F~759F	V <sub>O</sub>	-20	V
Input Voltage	KRA757F	V <sub>I</sub>	-10/6	V
	KRA758F		-10/7	
	KRA759F		-10/15	
Output Current	KRA757F~759F	I <sub>O</sub>	-50	mA
Power Dissipation		P <sub>D</sub> *	50	mW
Junction Temperature		T <sub>j</sub>	150	°C
Storage Temperature Range		T <sub>stg</sub>	55 ~ 150	°C

\* Total Rating.

### MARK SPEC

TYPE	KRA757F	KRA758F	KRA759F
MARK	KG	KH	KJ

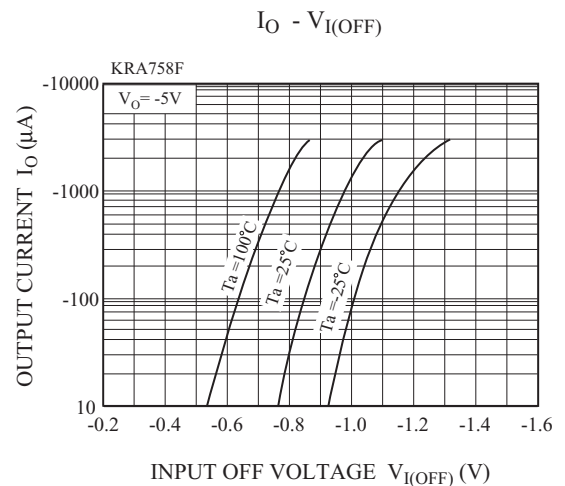
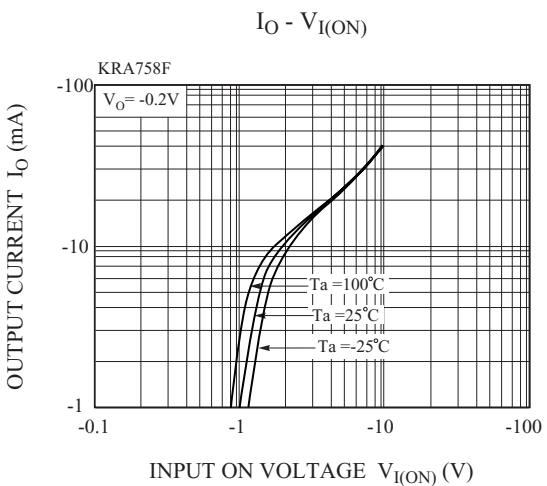
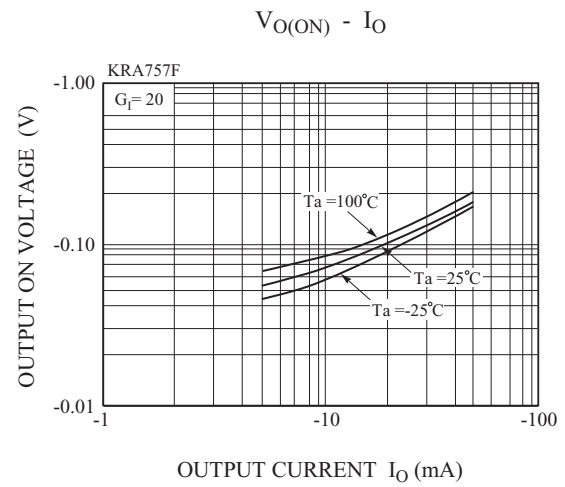
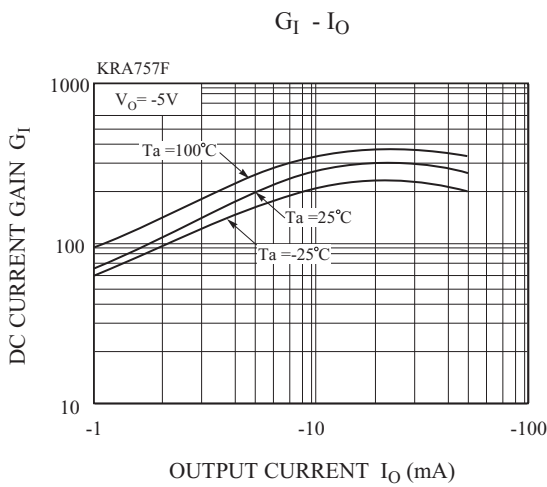
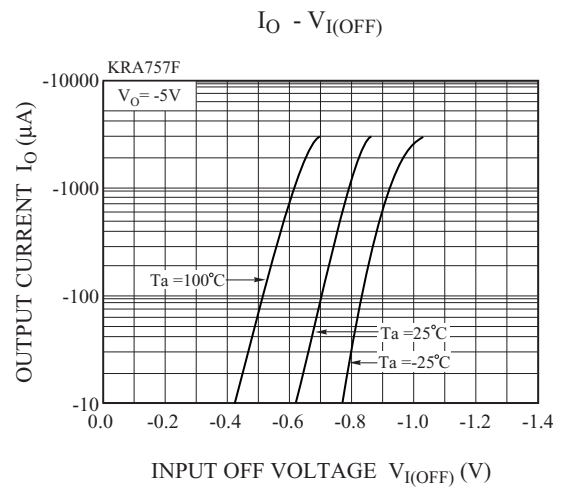
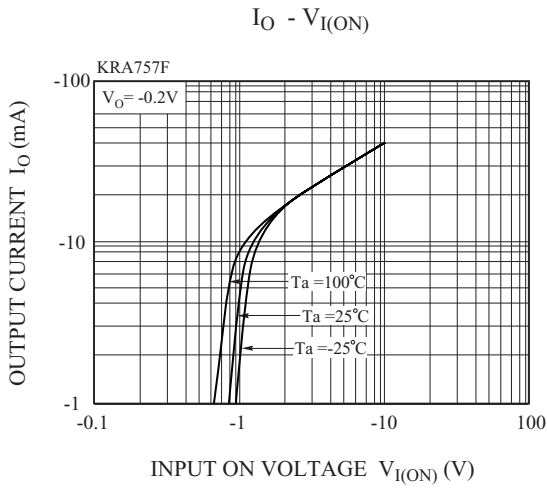


# KRA757F~KRA759F

## ELECTRICAL CHARACTERISTICS (Ta=25 °C)

CHARACTERISTIC		SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Output Cut-off Current	KRA757F~759F	$I_{CBO}$	$V_O=-20V, V_I=0$	-	-	-500	nA
DC Current Gain	KRA757F	$G_I$	$V_O=-5V, I_O=-10mA$	120	-	-	
	KRA758F			120	-	-	
	KRA759F			100	-	-	
Output Voltage	KRA757F~759F	$V_{O(ON)}$	$I_O=-5mA, I_I=-0.25mA$	-	-	-0.15	V
Input Voltage (ON)	KRA757F	$V_{I(ON)}$	$V_O=-0.2V, I_O=-5mA$	-	-	-1.5	V
	KRA758F			-	-	-2.2	
	KRA759F			-	-	-5.0	
Input Voltage (OFF)	KRA757F	$V_{I(OFF)}$	$V_O=-5V, I_O=-0.1mA$	-0.5	-	-	V
	KRA758F			-0.6	-	-	
	KRA759F			-1.3	-	-	
Input Current	KRA757F	$I_I$	$V_I=-5V$	-	-	-0.88	mA
	KRA758F			-	-	-0.36	
	KRA759F			-	-	-0.16	

# KRA727F~KRA729F



# KRA727F~KRA729F

