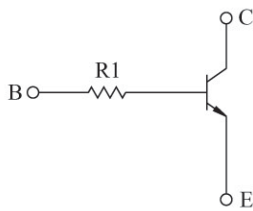


SWITCHING APPLICATION.  
INTERFACE CIRCUIT AND DRIVER CIRCUIT APPLICATION.

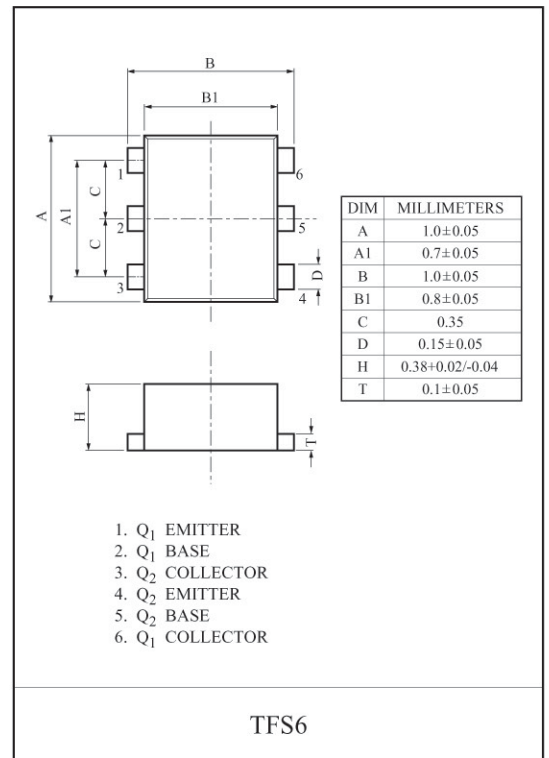
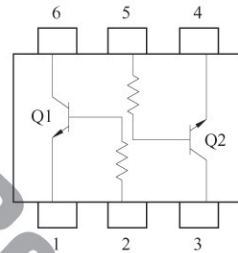
### FEATURES

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

### EQUIVALENT CIRCUIT



### EQUIVALENT CIRCUIT (TOP VIEW)



### MAXIMUM RATING (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT	CHARACTERISTIC	SYMBOL	RATING	UNIT
Collector-Base Voltage	$V_{CBO}$	20	V	Collector Power Dissipation	$P_C^*$	50	mW
Collector-Emitter Voltage	$V_{CEO}$	20	V	Junction Temperature	T	150	°C
Emitter-Base Voltage	$V_{EBO}$	5	V	Storage Temperature Range	$T_{stg}$	-55 ~ 150	°C
Collector Current	$I_C$	50	mA	* Total Rating.			

### ELECTRICAL CHARACTERISTICS (Ta=25°C)

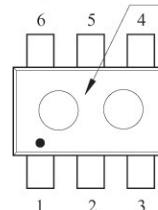
CHARACTERISTIC		SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Collector Cut-off Current		$I_{CBO}$	$V_{CB}=20V, I_E=0$	-	-	100	nA
Emitter Cut-off Current		$I_{EBO}$	$V_{EB}=5V, I_C=0$	-	-	100	nA
DC Current Gain		$h_{FE}$	$V_{CE}=5V, I_C=1mA$	300	-	-	-
Collector-Emitter Saturation Voltage		$V_{CE(sat)}$	$I_C=5mA, I_B=0.25mA$	-	-	0.15	V
Collector Output Capacitance		$C_o$	$V_{CB}=10V, I_E=0, f=1MH$	-	1.2	-	pF
Input Resistor	KRC860F	$R_1$	-	3.2	4.7	6.11	kΩ
	KRC861F			7	10	13	
	KRC863F			15.4	22	28.6	
	KRC864F			32.	47	61.1	

### MARK SPEC

TYPE	KRC860F	KRC861F	KRC863F	KRC864F
MARK	LK	LL	LN	LP

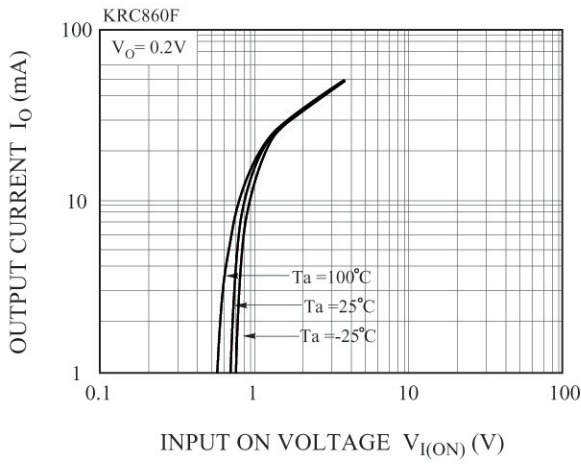
### Marking

### Type Name

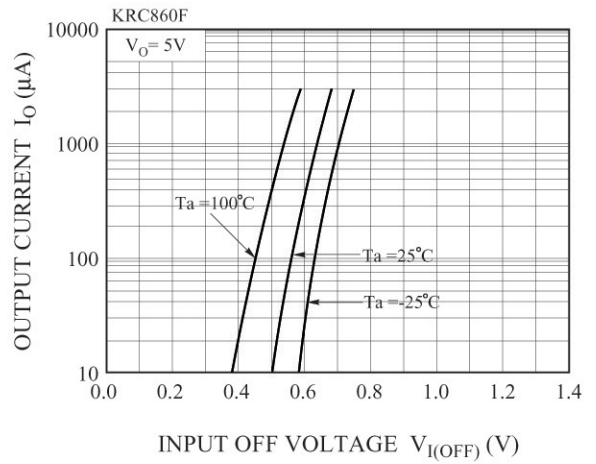


# KRC860F~KRC864F

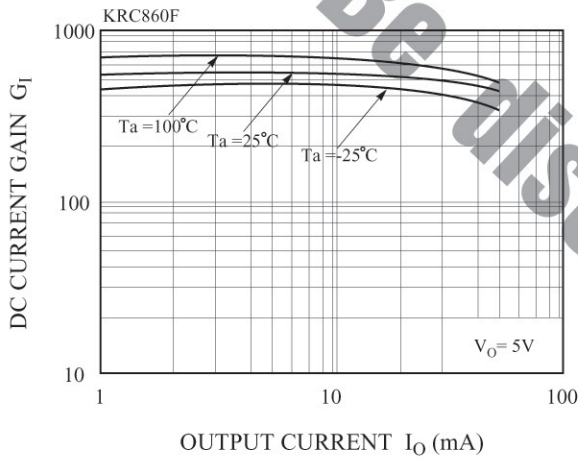
$I_O - V_{I(ON)}$



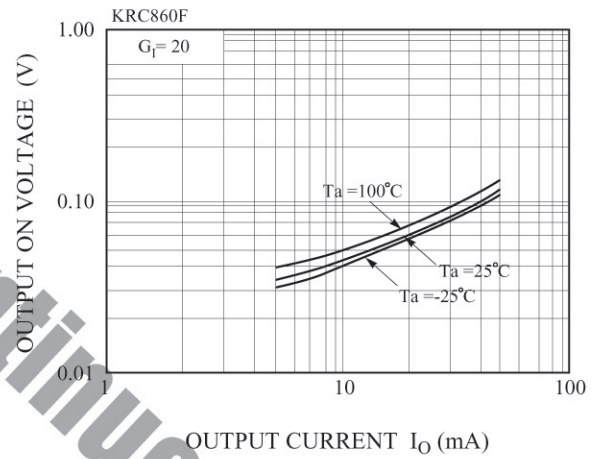
$I_O - V_{I(OFF)}$



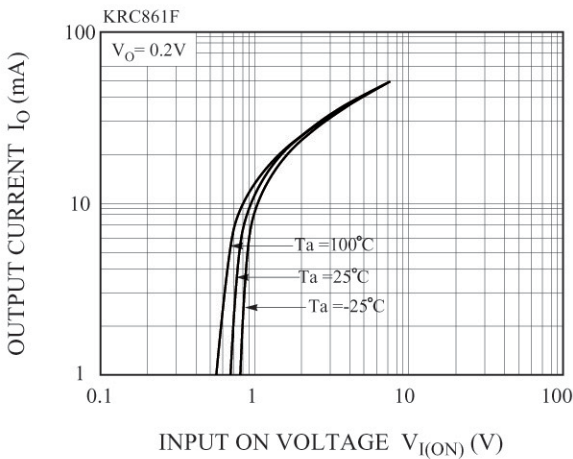
$G_I - I_O$



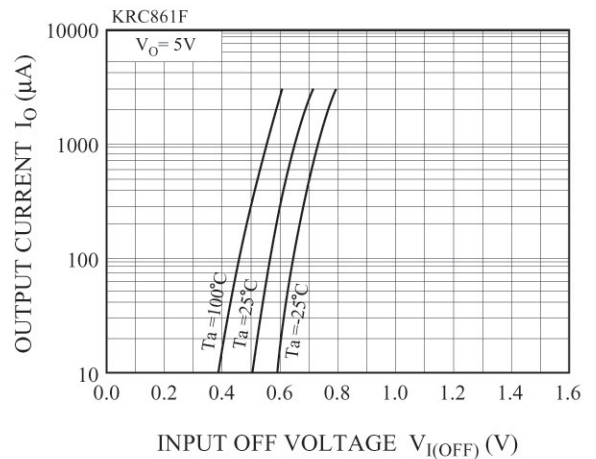
$V_{O(ON)} - I_O$



$I_O - V_{I(ON)}$

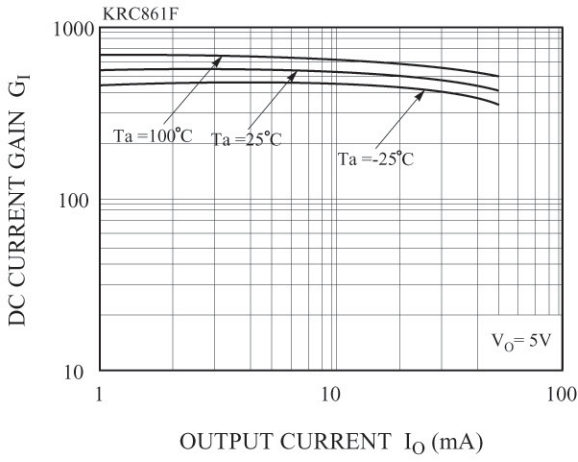


$I_O - V_{I(OFF)}$

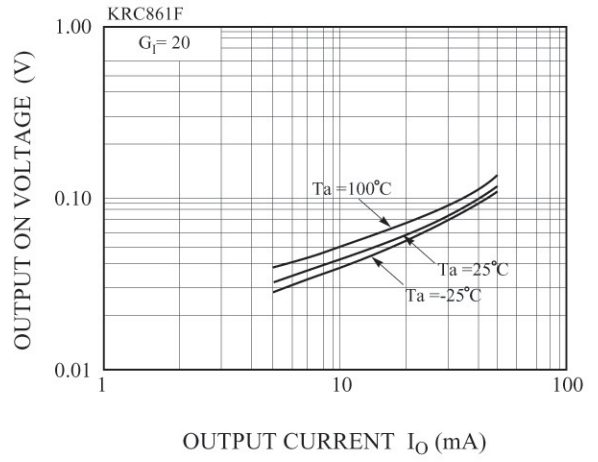


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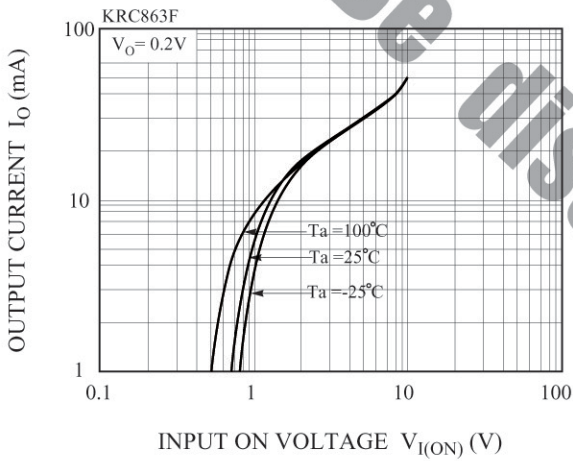
$G_I - I_O$



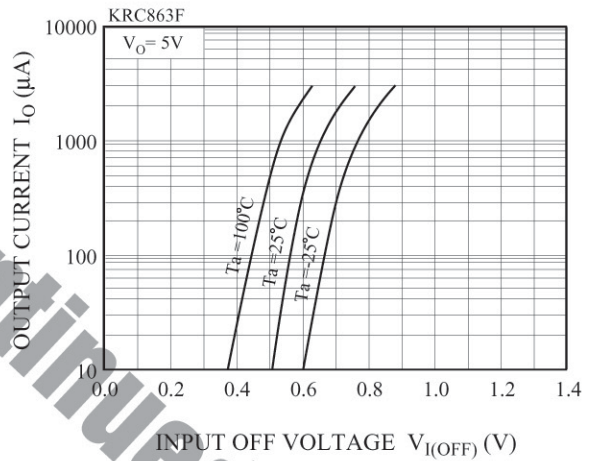
$V_{O(ON)} - I_O$



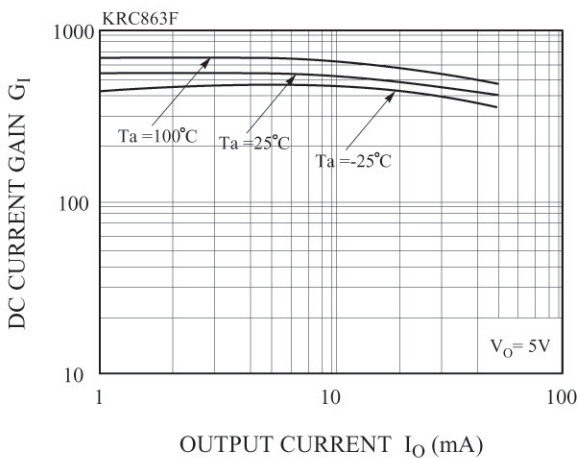
$I_O - V_{I(ON)}$



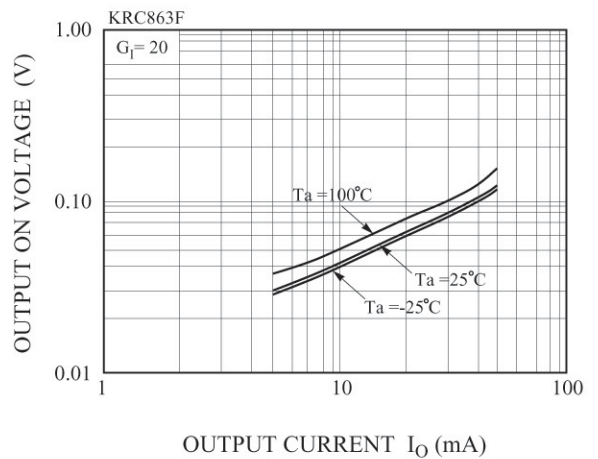
$I_O - V_{I(OFF)}$



$G_I - I_O$

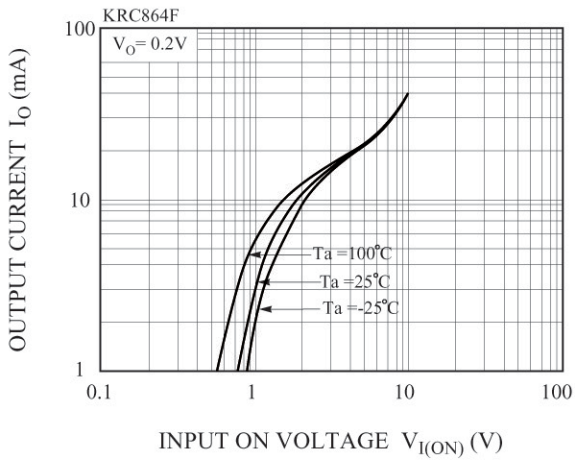


$V_{O(ON)} - I_O$

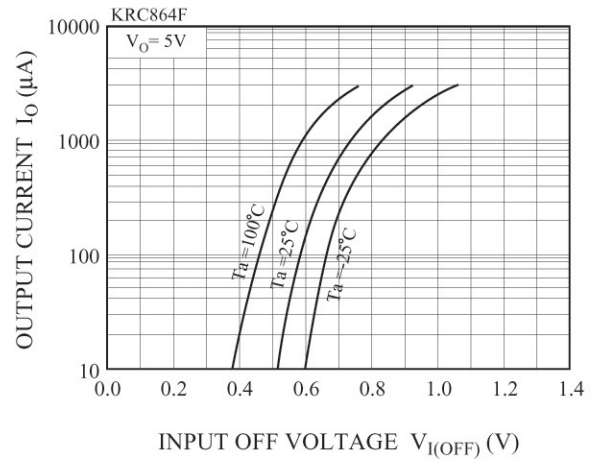


# KRC860F~KRC864F

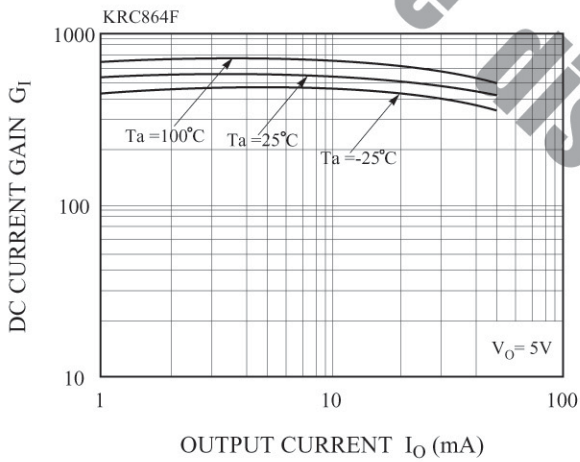
$I_O - V_{I(ON)}$



$I_O - V_{I(OFF)}$



$G_I - I_O$



$V_{O(ON)} - I_O$

